

**EXPANDED PRE-CERCLIS SITE ASSESSMENT
CONVERSE MILL
SCS 123 457 409
CONVERSE, SOUTH CAROLINA
SPARTANBURG COUNTY**

Prepared for:



**U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 4
61 Forsyth Street
Atlanta, Georgia 30303**

Prepared by:



**South Carolina Department of Health and Environmental Control
Division of Site Assessment and Remediation
Federal & State Site Assessment Section
2600 Bull Street
Columbia, South Carolina 29201**

September 28, 2012

A handwritten signature in black ink, appearing to read "Robert Cole".

Prepared by:

**Robert Cole
Environmental Health Manager
SCDHEC**

A handwritten signature in black ink, appearing to read "Jonathan McInnis".

Reviewed by:

**Jonathan McInnis
Program Manager
SCDHEC**

**Corey
Hendrix**

Digitally signed by Corey Hendrix
DN: cn=Corey Hendrix, o=SRSEB,
ou=Superfund,
email=hendrix.corey@epa.gov,
c=US
Date: 2012.09.28 16:23:14 -04'00'

Approved by:

**Corey Hendrix, RPM
Superfund Site Evaluation
Section, USEPA Region IV**

TABLE OF CONTENTS

| | | |
|-----|--|---|
| 1.0 | INTRODUCTION | 1 |
| 2.0 | LOCATION | 1 |
| 3.0 | OWNERSHIP | 1 |
| 4.0 | SITE HISTORY AND DESCRIPTION | 1 |
| 5.0 | PATHWAY EVALUATION | 3 |
| 5.1 | GROUNDWATER MIGRATION PATHWAY | 3 |
| 5.2 | SURFACE WATER MIGRATION PATHWAY | 3 |
| 5.3 | SOIL EXPOSURE / AIR PATHWAYS..... | 4 |
| 6.0 | SUMMARY AND CONCLUSIONS | 4 |
| | APPENDIX A: MAPS AND TABLES | |
| | APPENDIX B: SITE COORDINATE COLLECTION | |
| | APPENDIX C: PSA CHECKLIST | |
| | APPENDIX D: ATTACHED REFERENCES | |

1.0 INTRODUCTION

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the Site Assessment Section, South Carolina Department of Health and Environmental Control (DHEC) has conducted an Expanded Pre-CERCLIS Site Assessment (PSA) for the Converse Mill site in Spartanburg County, South Carolina. The sampling was part of an area wide initiative to determine water and sediment quality along the Pacolet River and some associated tributaries. The information gathered from this investigation will be used to decide if the site will be placed on CERCLIS or managed by some other means.

2.0 LOCATION

The site is located in Converse, South Carolina at 200 High Street in Spartanburg County. The former textile mill is located in the city limits of Converse and is surrounded by residential and commercial properties (Ref. 1, 2). The geographic coordinates for the site are Latitude: 34.994413° N; Longitude: -81.835555° W (Appendix B).

3.0 OWNERSHIP

Current Owner:

Parcel ID# **3-13-00-309.00**
Re-Imagine Converse Mill LLC
PO BOX 24
Converse, SC 29329

Parcel ID# **3-13-00-224.01**
Converse Energy, Inc
PO BOX 243
Converse, SC 29329

Previous Ownership:

| | |
|----------------|--|
| 2006 – present | Re-Imagine Converse, LLC; Clifton Mill 3 Power |
| Unknown – 2006 | Tobias Textiles Inc |
| 1965 – 1971 | Dan River Mills |
| 1896-1965 | Clifton Manufacturing Company |

Ref. 3, 4, 5

4.0 SITE HISTORY AND DESCRIPTION

The Clifton Manufacturing Company began operations on the Pacolet River in 1881 at Clifton Mill #1 (SCS123457416). The company built Mill #2 in 1888 (SCS123457410), and #3 in 1896

(Ref. 4). A flood in 1903 destroyed Mill #3 and damaged mills #1 and #2. By 1919, all three mills were in operation again. Clifton Manufacturing added Mill #4 in 1949, a fifth mill in 1952, and a sixth mill in 1957 (Ref. 4). D an River Mills purchased the Clifton Manufacturing Company in 1965, and closed Clifton Mill #3 in 1971. No dyeing operations were known to have been conducted at the mill (Ref. 2).

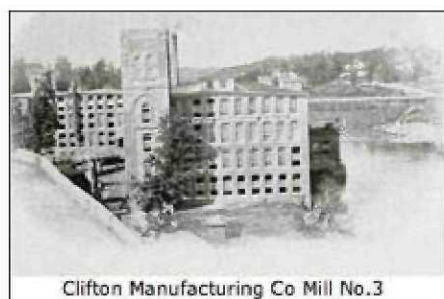


Figure 1- Converse Mill Circa 1902 (pre-flood) (Ref. 5)

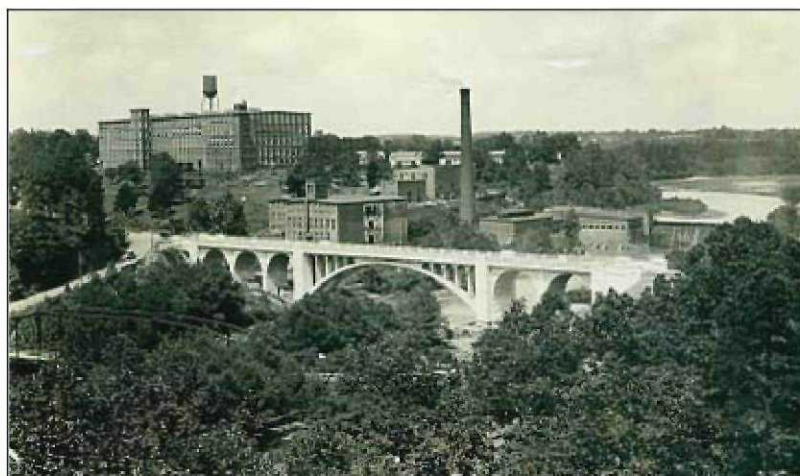


Figure 2 – Converse Mill mid-1920s (Ref. 6)

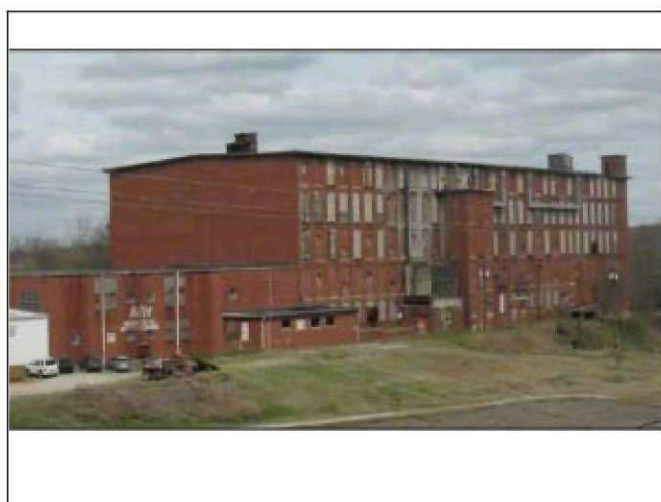


Figure 3 – Converse Mill today (Ref. 7)

The Converse Mill property is adjacent to the Pacolet River. The original manufacturing building was destroyed by the flood in 1903. The dam remains intact. The property is fenced but access to portions of the property is still possible along the river front (Ref. 2).

Samples collected for this PSA included six sediment samples and two water samples from the Pacolet River and some of its tributaries (see Map 4 in Appendix A). Selected results are available in Table 1 in Appendix A of this report.

5.0 PATHWAY EVALUATION

5.1 GROUNDWATER MIGRATION PATHWAY

The groundwater pathway will not be evaluated for this report due to the following factors:

Converse Mill is located along the Pacolet River and shallow groundwater flow would likely be towards the river. The area is serviced by a public water system, and any residences not using the public system are likely in an upgradient position (Ref. 1, 2). The nearest public system supplied by a well is over four miles away (Ref. 1, 8). The city obtains its water supply from the Spartanburg Water System which withdraws water from an upgradient surface water source (Ref. 9).

5.2 SURFACE WATER MIGRATION PATHWAY

Runoff from the site enters the Pacolet River, which completes the 15-mile target distance limit (Ref. 1). The Pacolet River is a fishery (Ref. 10). There are no wetlands in the target distance limit (Ref. 1). DHEC conducted an Expanded PSA February 2012. Six sediment samples and two water samples were collected from the Pacolet River. Selected results are available in Appendix A of this report. Complete analytical results are attached as reference 11.

The following constituents were detected in the water samples but at concentrations below their respective MCLs (if they have one):

| | |
|-----------|--------|
| aluminum | barium |
| calcium | cobalt |
| manganese | iron |
| sodium | zinc |

Two constituents were found to be elevated above the sediment screening numbers in CVM-001-SD, which was collected from an upgradient tributary of the Pacolet River. CVM-001-SD was collected as a control sample. One constituent was found to be elevated above the sediment screening numbers in CVM-005-SD which was collected above the dam at Converse. The compounds included benzo(a)anthracene at 460 ppb, pyrene at 940 ppb in CVM-001-SD, and 1700 ppb of bis(2-ethylhexyl)phthalate in CVM-005-SD. These compounds were not elevated in downstream sediment samples and are not attributable to the site. Selected sediment results are available in Table 1 of Appendix A in this report. Complete analytical results are attached as reference 11.

5.3 SOIL EXPOSURE / AIR PATHWAYS

There are no schools or daycares within 200 feet of the site (Ref. 1,2). The nearest daycare is nearly 2 miles northwest of the site, and the nearest school, Broome High School, is approximately 0.5 miles southwest. The site lies within the city limits of Converse (population of 278) (Ref. 12). The Converse Mill property is adjacent to the Pacolet River. The original manufacturing building was destroyed by the flood in 1903. The dam remains intact. The property is fenced but access to portions of the property is still possible along the river front (Ref. 2). The area surrounding the site is a mix of residential and commercial properties (Ref. 2). Sampling for this PSA was conducted in February 2012. The Surface Water Pathway was the focus of this investigation. The property was inspected and no obvious sources of soil contamination were noted. For this investigation, no soil sampling was conducted.

6.0 SUMMARY AND CONCLUSIONS

The Clifton Manufacturing Company began operations on the Pacolet River in 1881 at Clifton Mill #1 (SCS123457416). The company built Mill #2 in 1888 (SCS123457410), and #3 in 1896. A flood in 1903 destroyed Mill #3 and damaged mills #1 and #2. By 1919, all three mills were in operation again. Dan River Mills purchased the Clifton Manufacturing Company in 1965, and closed Clifton Mill #3 in 1971. No dyeing operations were known to have been conducted at the mill.

The site is adjacent to the Pacolet River, which completes the fifteen mile target distance limit. The Pacolet River is a fishery.

DHEC conducted an Expanded PSA February 2012. Six sediment samples and two water samples were collected from the Pacolet River. Selected results are available in Appendix A of this report. Complete analytical results are attached as reference 11. No constituents were detected in water samples above established MCLs.

Two constituents were found to be elevated above the sediment screening numbers in CVM-001-SD, which was collected from an upgradient tributary of the Pacolet River. CVM-001-SD was collected as a control sample. One constituent was found to be elevated above the sediment screening numbers in CVM-005-SD which was collected above the dam at Converse. The compounds included benzo(a)anthracene at 460 ppb, pyrene at 940 ppb in CVM-001-SD, and 1700 ppb of bis(2-ethylhexyl)phthalate in CVM-005-SD. These compounds were not elevated in downstream sediment samples and are not attributable to the site.

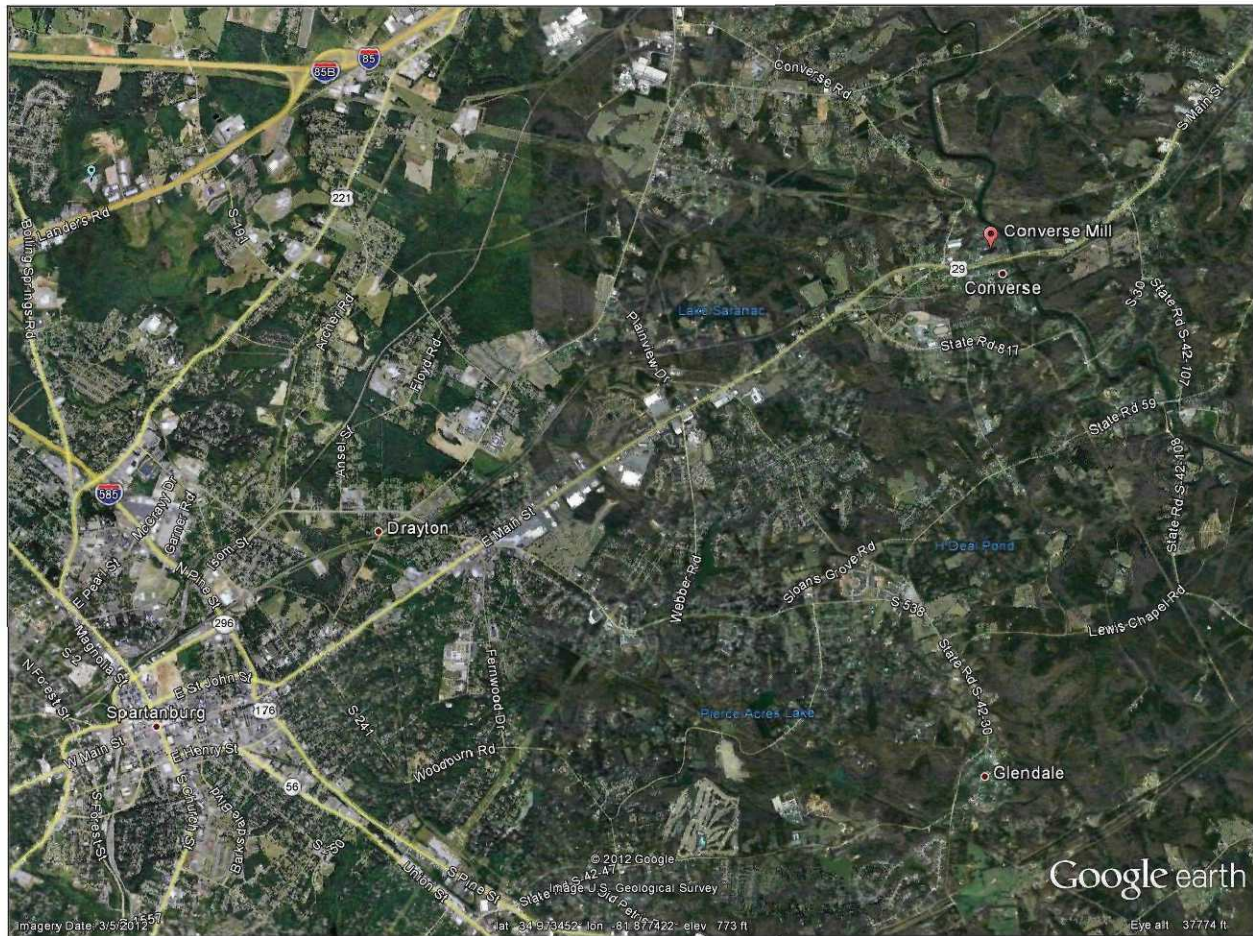
Due to the lack of a documented release, the Converse Mill site is not recommended for placement on CERCLIS.

7.0 REFERENCES

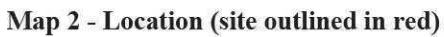
1. Google Earth. Last accessed September 2012.
2. Tim Kadar, SCDHEC. Trip Report for Converse Mill. March 1, 2012. Copy attached.
3. Spartanburg County. Public Access, Property record Detail. September 21, 2012. Copy attached.

4. Register of the Clifton Manufacturing Company (1880 to 1969). Copy attached.
5. <http://home.iprimus.com.au/metzke/tucapau.html>. Last accessed September 2012.
6. <http://hubcityhistorian.blogspot.com/>. Last accessed September 2012.
7. <http://www.loopnet.com/xNet/MainSite/Listing/Profile/Profile.aspx?LID=17575562>. Last accessed September 2012.
8. Environmental Facilities Information System (EFIS) Database. Maintained by SCDHEC. Last accessed August 2012.
9. <http://www.sws-sssd.org/index.php>. Last accessed May 2012.
10. <http://www.hookandbullet.com/>. Last accessed September 2012. Copy attached.
11. USEPA, Region 4 Science and Ecosystem Support Division. Final analytical reports for Converse Mill. Project 12-0276. April 16, 2012. Copy attached.
12. <http://www.zip-codes.com/city/SC-CONVERSE.asp>. Last accessed September 2012. Copy attached.

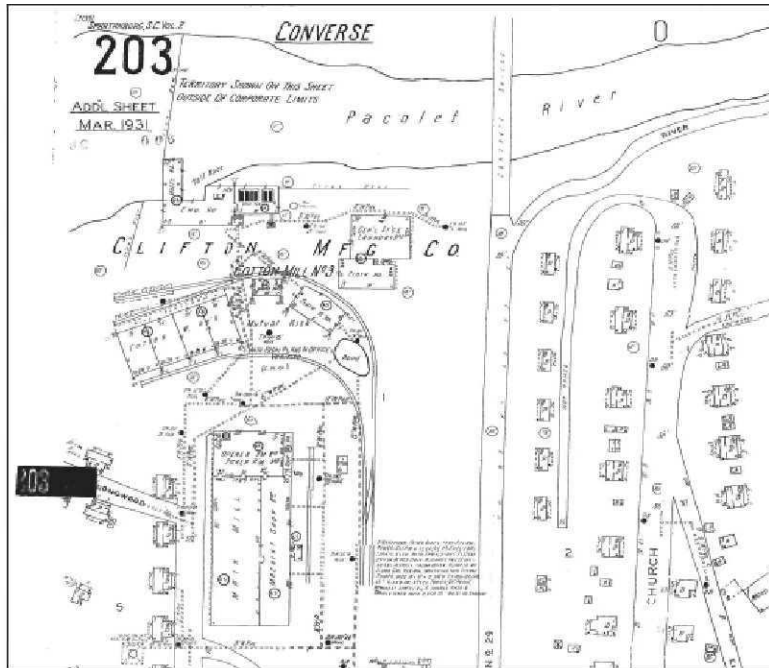
APPENDIX A: MAPS AND TABLES



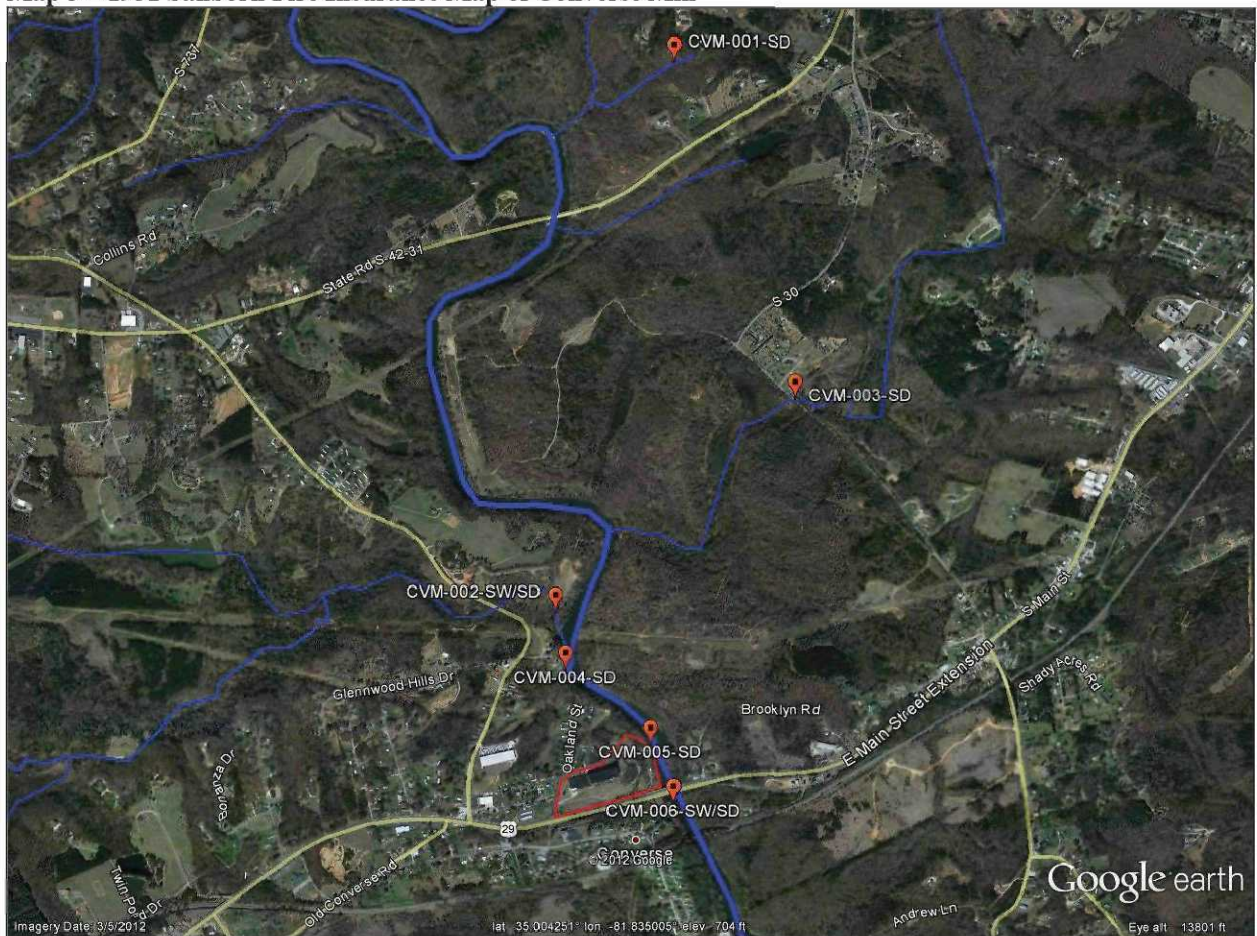
Map 1 - General Location



Map 2 - Location (site outlined in red)



Map 3 – 1931 Sanborn Fire Insurance Map of Converse Mill



Map 4 – Converse Mill Sample Location Map

Table 1 – Clifton Mill #2 – Selected Sediment Analytical Data (detects)

All results in ppm or mg/kg unless otherwise noted. Complete analytical results available in references.

| | Control | | Control | | Control | | | | | | | | | |
|--|------------|---|------------|----|------------|---|------------|---|------------|---|------------|----|------|------|
| Constituent | CVM-001-SD | | CVM-002-SD | | CVM-003-SD | | CVM-004-SD | | CVM-005-SD | | CVM-006-SD | | SSL | PEL |
| Aluminum | 13000 | | 36000 | | 16000 | | 12000 | | 15000 | | 6500 | | | |
| Antimony | 9 | U | 0.5 | J | 9.6 | U | 0.49 | J | 0.64 | J | 0.37 | J | 12 | |
| Arsenic | 1.5 | J | 7.9 | J | 2.8 | J | 6.3 | J | 3.2 | J | 6.8 | J | 7.24 | 17 |
| Barium | 61 | | 120 | | 65 | | 29 | | 100 | | 46 | | | |
| Beryllium | 0.75 | U | 0.93 | U | 0.8 | U | 0.62 | J | 1.5 | U | 0.21 | J | | |
| Calcium | 820 | | 510 | | 260 | | 170 | | 1600 | | 630 | | | |
| Chromium | 55 | J | 49 | J | 48 | J | 24 | J | 30 | J | 20 | J | 52.3 | 90 |
| Cobalt | 7.2 | J | 13 | J | 7.5 | J | 4.6 | J | 10 | J | 6.1 | J | | |
| Copper | 6.7 | | 18 | | 11 | | 11 | | 10 | | 9.8 | J | 18.7 | 197 |
| Iron | 14000 | J | 34000 | J | 19000 | J | 21000 | J | 13000 | J | 17000 | J | | |
| Lead | 8.8 | | 28 | | 12 | | 18 | | 9.8 | | 10 | J | 30.2 | 91.3 |
| Magnesium | 2700 | J | 2600 | J | 2200 | J | 570 | J | 2300 | J | 1100 | J | | |
| Manganese | 100 | J | 230 | J | 89 | J | 44 | J | 400 | J | 590 | J | | |
| Nickel | 18 | | 30 | | 18 | | 12 | | 16 | | 9.2 | | 15.9 | 36 |
| Potassium | 2300 | J | 2500 | J | 2000 | J | 780 | J | 1800 | J | 660 | UJ | | |
| Selenium | 0.52 | J | 1.4 | J | 0.71 | J | 0.97 | J | 0.99 | J | 0.87 | J | | |
| Vanadium | 27 | | 54 | | 34 | | 34 | | 30 | | 27 | J | | |
| Zinc | 38 | J | 92 | J | 51 | J | 52 | J | 60 | J | 30 | J | 124 | 315 |
| <i>All organic results in ppb or ug/kg</i> | | | | | | | | | | | | | | |
| 4,4'-DDE (p,p'-DDE) | 5.2 | U | 3.8 | J | 4.8 | U | 4.5 | U | 12 | U | 4.4 | U | 3.3 | 6.75 |
| alpha-Chlordane | 6 | N | 2.4 | NJ | 1.7 | J | 1.8 | J | 4.6 | J | 1.1 | J | 1.7 | 8.9 |
| Endosulfan II (beta) | 5.2 | U | 6.1 | U | 4.8 | U | 4.5 | U | 3.2 | J | 4.4 | U | | |
| Endrin aldehyde | 5.2 | U | 6.1 | U | 4.8 | U | 4.5 | U | 4.3 | J | 4.4 | U | | |
| Endrin ketone | 5.2 | U | 6.1 | U | 4.8 | U | 4.5 | U | 7.2 | J | 4.4 | U | | |
| gamma-Chlordane | 2.7 | U | 3.2 | U | 2.5 | U | 2.3 | U | 3.4 | J | 2.3 | U | | |

| Constituent | CVM-001-SD | | CVM-002-SD | | CVM-003-SD | | CVM-004-SD | | CVM-005-SD | | CVM-006-SD | | SSL | PEL |
|-----------------------------|------------|----|------------|---|------------|----|------------|---|------------|----|------------|----|-----|------|
| PCB-1254 (Aroclor 1254) | 52 | U | 61 | U | 48 | U | 45 | U | 19 | J | 44 | U | 33 | 340 |
| Anthracene | 75 | J | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | 330 | 245 |
| Benzaldehyde | 270 | UJ | 78 | J | 250 | UJ | 77 | J | 590 | UJ | 230 | UJ | | |
| Benzo(a)anthracene | 460 | | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | 330 | 385 |
| Benzo(a)pyrene | 450 | | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | 330 | 782 |
| Benzo(b)fluoranthene | 790 | | 320 | U | 64 | J | 230 | U | 590 | U | 230 | U | | |
| Benzo(g,h,i)perylene | 290 | | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | | |
| Benzo(k)fluoranthene | 260 | J | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | | |
| Bis(2-ethylhexyl) phthalate | 270 | U | 320 | U | 250 | U | 230 | U | 1700 | | 230 | U | 182 | |
| Chrysene | 580 | | 320 | U | 43 | J | 230 | U | 590 | U | 230 | U | 330 | 862 |
| Di-n-butylphthalate | 270 | U | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | | |
| Dibenzo(a,h)anthracene | 69 | J | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | 330 | 135 |
| Fluoranthene | 920 | | 57 | J | 60 | J | 230 | U | 590 | U | 230 | U | 330 | 2355 |
| Indeno (1,2,3-cd) pyrene | 320 | | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | | |
| Phenanthrene | 410 | | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | 330 | 515 |
| Pyrene | 940 | | 320 | U | 250 | U | 230 | U | 590 | U | 230 | U | 330 | 875 |
| Acetone | 47 | U | 140 | J | 30 | U | 25 | U | 96 | J | 14 | U | | |
| Methyl Ethyl Ketone | 14 | U | 44 | J | 15 | U | 14 | U | 39 | U | 14 | U | | |

Key for Table 1

U – not detected at concentrations exceeding the method detection limit

N- Presumptive evidence the analyte is present

J – estimated concentration

UJ- estimated as non-detect

SSL – EPA region IV Sediment Screening Levels

PEL – Probable Effects Level . One of many sediment quality guidelines found in the NOAA Screening Quick reference Table.

Sediment screening levels are for screening only and are not cleanup levels. The values are generally based on potential effects to benthic organisms and not human health. These values help to identify areas that may require additional investigation. Infrequent or localized elevations may not warrant further investigation.

NJ – Presumptive evidence the analyte is present. (estimated)

R – unusable data

UR – unusable but non-detect

MCL - EPA Maximum Contaminant Levels

APPENDIX B: SITE COORDINATE COLLECTION

Site Latitude: 34.994413° N
Site Longitude: -81.835555° W
Feature Description: approximate site center

Collection Date: June 25, 2012

Note: Site Coordinates collected by photo interpretation in Google Earth (estimated accuracy ~20 meters).

APPENDIX C: PSA CHECKLIST

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

SITE INFO

Site Name: Converse Mill

Previous/Other Names: Clifton Manufacturing Mill 3

Street Address: 200 High Street

City: Converse

County: Spartanburg

Zip: 29329

Latitude: 34.994413° N

Longitude: -81.835555° W

CHECKLIST EXPLAIN ALL "YES" ANSWERS

| | YES | NO |
|---|--------------------------|-------------------------------------|
| 1. Does the site already appear in CERCLIS? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Explanations:

DISCUSSION / DECISION RATIONALE

Site Determination:

☐

Enter into CERCLIS. Further assessment is recommended (explain below).

☒

The site is not recommended for placement into CERCLIS (explain below).

Rationale: The Clifton Manufacturing Company began operations on the Pacolet River in 1881 at Clifton Mill #1 (SCS123457416). The company built Mill #2 in 1888 (SCS123457410), and #3 in 1896. A flood in 1903 destroyed Mill #3 and damaged mills #1 and #2. By 1919, all three mills were in operation again. Dan River Mills purchased the Clifton Manufacturing Company in 1965, and closed Clifton Mill #3 in 1971. No dyeing operations were known to have been conducted at the mill

The site is adjacent to the Pacolet River, which completes the fifteen mile target distance limit. The Pacolet River is a fishery.

SCDHEC conducted an Expanded PSA February 2012. Six sediment samples and two water samples were collected from the Pacolet River. Selected results are available in Appendix A of this report. Complete analytical results are attached as reference 11.

The following constituents were detected in the water samples but at concentrations below their respective MCLs (if they have one):

| | |
|-----------|--------|
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| calcium | cobalt |
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Due to the lack of a documented release, the Converse Mill site is not recommended for placement on CERCLIS.

PREPARED BY

Robert Cole
Environmental Health Manager
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SCDHEC Bureau of Land &
Waste Management
2600 Bull Street
Columbia, SC 29201


USEPA Region IV Site Assessment Manager




SCDHEC Project Manager



APPENDIX D: ATTACHED REFERENCES

TRIP REPORT

DATE: March 1, 2012

TO: File # 57968

FROM: Timothy Kadar, Project Manager, SCDHEC

SUBJ: Converse Mill

Place Visited:

Converse Mill, Spartanburg, SC

Purpose of Trip:

SCDHEC conducted a PSA site sampling trip.

Persons Responding:

Roger Carlton, USEPA Region 4 Science & Ecosystems Support Division

Timothy Kadar, SCDHEC BL&W, Site Assessment

Jonathan McInnis, SCDHEC BL&W, Site Assessment

Robert Cole, SCDHEC BL&W, Site Assessment

Jason Williams, SCDHEC BL&W, Site Assessment

Ben Bair, SCDHEC, BL&W, Site Assessment

Karen Seaber, SCDHEC BL&W, Site Assessment

Stephen Burdick, SCDHEC BL&W, Waste Assessment

Dana Cook, SCDHEC BL&W, Waste Assessment

Sandra Snyder, SCDHEC BL&W, Site Assessment

Persons Contacted:

Johnny Sanford – Dam Caretaker/Operator

Stephanie Garrett, SCDHEC, EQC Region 2 – Spartanburg

Date of Trip: February 29, 2012

The Converse Mill site is located on approximately 26 acres at 200 High Street, Converse. The site is situated about 6 miles east northeast of downtown Spartanburg on the west bank of the Pacolet River. The site is in a rural community setting.

The site currently consists of the 160,000 square feet, 6-story spinning and weaving building built in 1903 on the west side of the Pacolet River. Associated with the facility is a stone dam that spans the river. The western portion of the dam directs water to a millrace that runs a hydroelectric facility. A warehouse is located to the west end of the original mill building.

The original mill, Clifton 3, started operating in 1900. Three years later, the mill was destroyed by the flood June 6, of 1903. Mr. Sanford related that one witness said, "The five-story, 50,000-spindle mill trembled for a while, then gave way, a wall of water rose 40 feet in minutes. Mill No. 1 was next in line. The entire mill village within 100 feet of the river was destroyed. One-third of the mill disappeared. When the water reached No. 2, it took away half the four-story mill."

The mill was rebuilt after the flood and renamed Converse Mill. Two other mill buildings were located on the property and formed Mills 4 and 5. Those buildings are no longer in existence.

Dan River purchased the mill in 1965. By 1973, the Converse Mill was closed. Today the plant operates solely as a warehouse and storage building. The hydroelectric facility is still in operation although it is currently not producing electricity due to maintenance issues.

The mill constructed a stone dam across the Pacolet River to provide power for mill. The dam's hydroelectric facility is located on the west side of the dam. The sluice gates are still operable and appear to be more modern than the rest of the dam. The footprint and foundation of the original 1900 mill building is visible to the south on the dam on the west bank. The original smokestack foundation is located here.

Debris from the 1903 flood is readily apparent in the Pacolet River extending from the dam downstream approximately 900 feet. Brick, piping, entire sections of wall, a portion of the boiler, and other debris are located about 175 to 200 feet downstream of the Highway 29 bridge (which located about 550 feet downstream of the dam). Sample CVM-006-SW/SD was taken from this area

Sample CVM-005-SD was taken from the upstream side of the dam by the hydroelectric portion of the dam. Collecting the sample proved to be very difficult due to organic matter, compaction from water pressure behind dam, and simple logistics of trying to reach the sediments from the dam.

Sample CVM-004-SD was collected from the west bank approximately 1,500 river feet upstream of the dam.

Sample CVM-003-SD was collected from an unnamed tributary of the Pacolet River from the downstream side of where Dan River Road crosses the tributary. This area of the creek was backed up due to damming or blockage (most likely a beaver dam).

Sample CVM-002-SW/SD was taken from the unnamed tributary to the Pacolet River on the upstream side of where the Old Converse Road crosses the stream.

Sample CVM-001-SD was collected from an unnamed tributary to the Pacolet River on the downstream side of Rock Bridge Road.

Driving around the local area, no wells were visible within about ¼ mile of the site. Water meters were noted in several of the adjacent homes and fire hydrants, water service mains were noted in the area. The Spartanburg Water System provides drinking water for the Converse Mill area.



JOB BOOK

FROM BEN MEADOWS COMPANY

PROJECT NAME Converse Mill

PROJECT NUMBER _____

CREW Ben Bain & Tim Kadea

DATE _____ BOOK # _____ OF _____

WEATHER _____

FIELD BOOK
16 PAGE
8 LEAVES
50% RAG

CVM-006-SW/SD

SW:

Time: 10:30

Sampler: Ben Bar

Taken from middle of
River on West side
of main channel. 200'
downstream of Hwy 29
Bridge. Water about
2' foot deep.

34.99318 N
0 81.83328 W

Sols

Location same as above

Time: 10:45
Sampler: Ben Bar

Cont.

CURVE FORMULAS

$$\begin{array}{l} T = R \tan \frac{1}{2} I \\ T = \frac{\sin \frac{1}{2} D}{\sin \frac{1}{2} I} \\ \sin \frac{1}{2} D = \frac{R}{50} \\ \sin \frac{1}{2} D = \frac{1}{50 \tan \frac{1}{2} I} \end{array} \quad \begin{array}{l} R = T \cot \frac{1}{2} I \\ R = \frac{50}{\sin \frac{1}{2} D} \\ R = R \operatorname{ex.} \sec \frac{1}{2} I \\ E = T \tan \frac{1}{2} I \end{array} \quad \begin{array}{l} \text{Chord def.} = \frac{\text{chord}^2}{R} \\ \text{No. chords} = \frac{D}{I} \\ \text{Tan. def.} = \frac{1}{2} \text{ chord def.} \end{array}$$

The square of any distance, divided by twice the radius, will equal the distance from tangent to curve, very nearly.

To find angle for a given distance and deflection.

Rule 1. Multiply the given distance by .01745 (def. for 1° for 1 ft.) and divide deflection by the product.

Rule 2. Multiply given deflection by 57.3, and divide the product by the given distance.

To find deflection for a given angle and distance. Multiply the angle by .01745, and the product by the distance.

GENERAL DATA

Right Angle Triangles. Square the altitude, divide by twice the base. Add quotient to base for hypotenuse.

Given Base 100, Alt. $10.10^2 \div 200 = 5$. $100 + 5 = 100.5$ hyp.

Given Hyp. 100, Alt. $25.25^2 \div 200 = 3.125$. $100 - 3.125 = 96.875 = \text{Base}$.

Error in first example, .002; in last, .045.

To find Tons of Rail in one mile of track: multiply weight per yard by 11, and divide by 7.

Leveling. The correction for curvature and refraction, in feet and decimals of feet is equal to $0.574d^2$, where d is the distance in miles.

The correction for curvature alone is closely, $\frac{1}{2}d^2$. The combined correction is negative.

Probable Error. If d_1, d_2, d_3 , etc. are the discrepancies of various results from the mean, and if $\sum d^2$ —the sum of the squares of these differences and n —the number of observations, then the probable error of the mean = $\pm 0.6745 \sqrt{\frac{\sum d^2}{n(n-1)}}$

MINUTES IN DECIMALS OF A DEGREE

| | | | | | | | | | | | |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|
| 1' | .0167 | 11' | .1833 | 21' | .3500 | 31' | .5167 | 41' | .6833 | 51' | .8500 |
| 2' | .0333 | 12' | .2000 | 22' | .3667 | 32' | .5333 | 42' | .7000 | 52' | .8667 |
| 3' | .0500 | 13' | .2167 | 23' | .3833 | 33' | .5500 | 43' | .7167 | 53' | .8833 |
| 4' | .0667 | 14' | .2333 | 24' | .4000 | 34' | .5667 | 44' | .7333 | 54' | .9000 |
| 5' | .0833 | 15' | .2500 | 25' | .4167 | 35' | .5833 | 45' | .7500 | 55' | .9167 |
| 6' | .1000 | 16' | .2667 | 26' | .4333 | 36' | .6000 | 46' | .7667 | 56' | .9333 |
| 7' | .1167 | 17' | .2833 | 27' | .4500 | 37' | .6167 | 47' | .7833 | 57' | .9500 |
| 8' | .1333 | 18' | .3000 | 28' | .4667 | 38' | .6333 | 48' | .8000 | 58' | .9667 |
| 9' | .1500 | 19' | .3167 | 29' | .4833 | 39' | .6500 | 49' | .8167 | 59' | .9833 |
| 10' | .1667 | 20' | .3333 | 30' | .5000 | 40' | .6667 | 50' | .8333 | 60' | 1.0000 |

INCHES IN DECIMALS OF A FOOT

| | | | | | | | | | | |
|-----------|------------|-------------|--------------|---------------|----------------|-----------------|------------------|-------------------|--------------------|---------------------|
| 1-16 | 3-32 | 1-8 | 3-16 | 1-4 | 1-2 | 3-8 | 1-2 | 3-4 | 7-8 | 1 |
| .0625 | .03125 | .015625 | .0078125 | .00390625 | .001953125 | .0009765625 | .00048828125 | .000244140625 | .0001220703125 | .00006103515625 |
| .00390625 | .001953125 | .0009765625 | .00048828125 | .000244140625 | .0001220703125 | .00006103515625 | .000030517578125 | .0000152587890625 | .00000762939453125 | .000003814697265625 |

Cont.

Sample: Bar Bar
Time: 10:30
Location: 2000 ft. up

Page

0 8 1 03258 A
2 1 1 00210 B

3. 1000 yds.

Sample: Major species
of water species of fish, etc.
given on 1000 yds. of
1000 yds. of water.

Sample: Bar Bar
Time: 10:30

2A:

CVR-006-SD

CVR-006-SD Cont.

Seds taken in area of
debris from 1903 Flood.
Old, broken regions about
20' west of sampling location.
Lots of bark, rock, & metal
scattered about. Seds are
poorly sorted, coarse rock
mixed with light, sandy
soils.

Aug 12-200-17V

to view as what a lot
had to do with the
the changes in the
part of the system to have
the system, the system
the system, the system
the system, the system
the system, the system
the system, the system

CUM-001-SD

Time: 12:00

Sample: Ben Barn

35.01791

081.93329

Sample Taken downstream
of where Rocky Ridge Rd
crosses creek. Sandy / clay
poorly sorted sedg.



JOB BOOK

FROM BEN MEADOWS COMPANY

PROJECT NAME Converse 3 Dam

PROJECT NUMBER _____

CREW Sandra Snyder/Roger Carlton

DATE 2/29/12 BOOK # _____ OF _____

WEATHER Cloudy 65°F

FIELD BOOK

16 PAGE

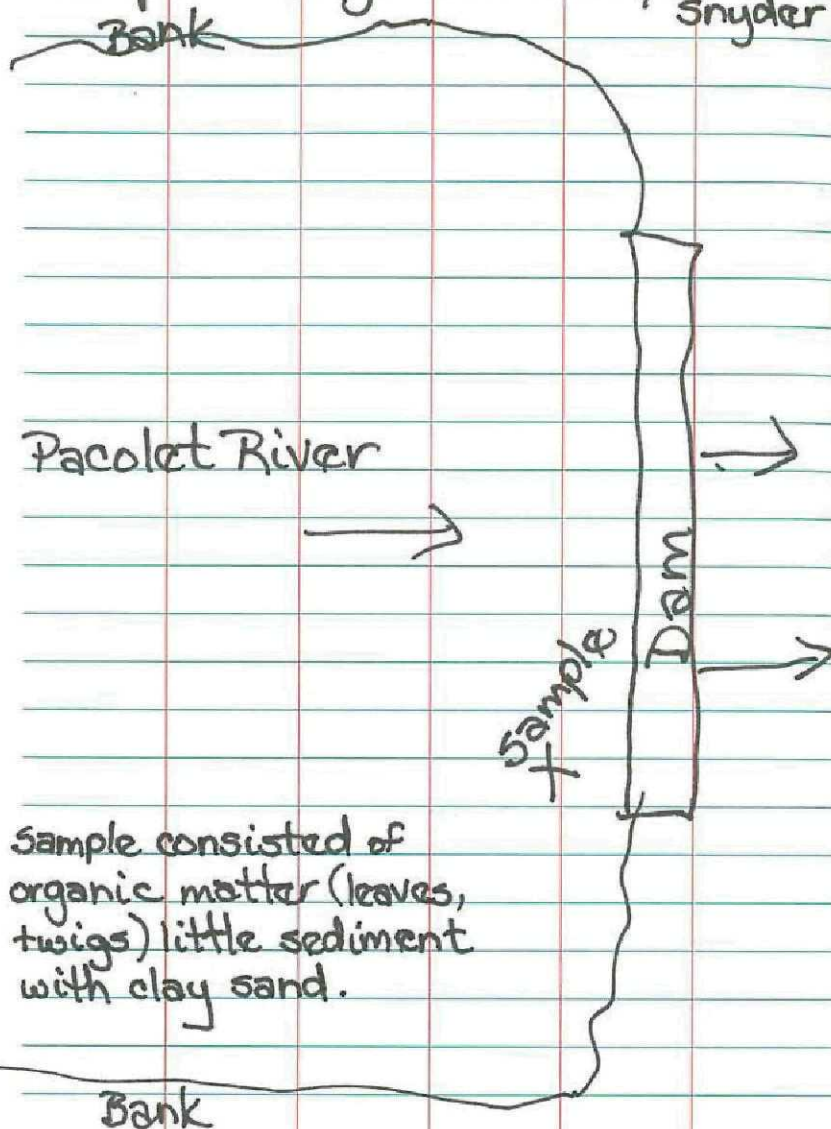
8 LEAVES

50% RAG

CMV-005

Time: 12:30

Sampler: Roger Carlton/Sandra Snyder



Sample consisted of organic matter (leaves, twigs) little sediment with clay sand.

N 34°59.708
W 081°50.053

Elev. 628.24'

Sample collected from west upper part of dam. water \approx 8" deep. Sample collected from 1-6" deep.



Spartanburg County Assessor's Office

366 North Church Street, Suite 800
 Spartanburg, South Carolina 29303
 Phone: 596-2544

Detailed Property Information

| | | | |
|-----------------|---|------------|-----------------|
| Map #: | 3-13-00-224.01 | GIS Pin: | 7155-01-0560.82 |
| Prop Desc: | N SIDE U S HWY 29 E OF RD 57 ALSO PB 89-025 | | |
| Owner Name: | CONVERSE ENERGY INC | Mail Addr: | PO BOX 243 |
| Taxpayer Name: | CONVERSE ENERGY INC | City: | CONVERSE |
| Previous Owner: | CLIFTON DAM 3 POWER | State: | SC Zip: 29329 |

| | | | | | |
|-----------------|----------|---------------|--------|-----------------|-------|
| Deed Vol/ Page: | 71N /350 | Sale Price: | \$01 | SF Living Area: | |
| Sale Date: | 2/1/2000 | Census Tract: | 222.01 | Total Area: | |
| Permit Date: | | Hmst Code: | | District: | 3C00 |
| Permit Type: | | Town Code: | | Fire District: | CAF |
| Permit Value: | | Num of Units: | 0 | Acreage: | 15.07 |
| Permit #: | | | | | |

| <u>Previous Tax Year</u> | | | <u>Current Tax Year</u> | | |
|--------------------------|----------------|-----------------|-------------------------|----------------|-----------------|
| <u>Appraised</u> | <u>Taxable</u> | <u>Assessed</u> | <u>Appraised</u> | <u>Taxable</u> | <u>Assessed</u> |
| Land: | | | Land: | | |
| Improvements: | | | Improvements: | | |
| Total: | | | Total: | | |

| | | | | | |
|--------------------|---------------------------|------------|-------|---------------|---|
| Property Location: | 0 E MAIN ST EXT CONVERSE | | | | |
| Land Use: | ELECTRIC UTILITY | | | | |
| Prop Type: | TIDU | Condition: | AV | Year Built: | 0 |
| Asmnt %: | DOR UT IMP | Design: | | Story Height: | |
| Attic: | | Garage: | | Basement: | |
| Baths (Full/Half): | 0/0 | Bedrooms: | 0 | Fireplace: | 0 |
| Roof Material: | | Roof: | | | |
| Heat Type: | | Heat/A/C: | | | |
| Walls: | | Exterior: | | | |
| Foundation: | | Floors: | | | |
| Topo: | ROLLING | Road: | PAVED | | |
| Utilities: | PUBLIC WATER/PUBLIC SEWER | | | | |

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To check the status of your tax bill, click [here](#) to query the Treasurer's Office information.



Spartanburg County Assessor's Office

366 North Church Street, Suite 800
Spartanburg, South Carolina 29303
Phone: 596-2544

Detailed Property Information (Multi-Card)

Card Number:

Information below is from Card #1. To view additional cards, choose the appropriate card from the drop-down list.

Map #: 3-13-00-309.00 GIS Pin: 7145-91-4050.41
Prop Desc: N SIDE E MAIN ST EXT & E OF RD 57 PB 84-16 PB 160-39
Owner Name: RE-IMAGINE CONVERSE MILL LLC Mail Addr: PO BOX 24
Taxpayer Name: RE-IMAGINE CONVERSE MILL LLC City: CONVERSE
Previous Owner: TOBIAS TEXTILES INC State: SC Zip: 29329

Deed Vol/ Page: 86C/850 Sale Price: \$794,400 SF Living Area: 180,320
Sale Date: 6/1/2006 Census Tract: Total Area: 204,485
Permit Date: Hmst Code: District: 3C00
Permit Type: Town Code: Fire District:
Permit Value: Num of Units: 0 Acreage: 10.864
Permit #:

| Previous Tax Year | | | Current Tax Year | | |
|---------------------|-----------|----------|---------------------|-----------|----------|
| Appraised | Taxable | Assessed | Appraised | Taxable | Assessed |
| Land: \$158,500 | \$158,500 | \$9,510 | Land: \$158,500 | \$158,500 | \$9,510 |
| Building: \$245,800 | \$245,800 | \$14,748 | Building: \$245,800 | \$245,800 | \$14,748 |
| Total: \$404,300 | \$404,300 | \$24,258 | Total: \$404,300 | \$404,300 | \$24,258 |

Property Location: 200 HIGH ST CONVERSE
Land Use: WAREHOUSING & STORAGE SERV.
Prop Type: 6RGC Condition: PR Year Built: 1903
Asmnt %: 6 CI Design: Story Height: 4
Attic: Garage: Basement:
Baths (Full/ Half): 0/0 Bedrooms: 0 Fireplace: 0
Roof Material: COMP SHINGLE Roof: DOUBLE PITCH
Heat Type: NONE Heat/AC: NO CENT HEAT/NO AIR
Walls: UNFINISH Exterior: BRICK
Foundation: CONT FOOT Floors: CONCRETE
Topo: ABV STREET Road: PAVED
Utilities: PUBLIC WATER/SEPTIC

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To check the status of your tax bill, click [here](#) to query the Treasurer's Office information.

REGISTER OF THE CLIFTON MANUFACTURING COMPANY RECORDS, 1880-1969

Mss 136, 200.5 cu. ft., including 292 boxes, 71 oversize boxes, 70 oversize volumes, 5 folders of oversize material, 1 folder of photographs, 1 folder of negatives, 1 oversize photograph, 50 rolls of positive and 50 rolls of negative microfilm

Introduction

The records of Clifton Manufacturing Company were stored in one of the mill buildings after the Company's closure in the 1970s. They were placed in four-foot square wooden crates and apparently contained only a portion of the entire documentary holdings of the firm. No overall inventory of the Company's records has been located. For the better part of a decade, individuals rummaged through the crates looking for items to sell and for souvenirs. In doing so, records were strewn around the room on the floor in places several feet deep. Whatever arrangement the records had been stored in was seriously disrupted and substantial physical damage was done to the records.

In 1985, Ray Earnhardt, who then owned the mill building in which the records were stored, offered to permit Clemson University Libraries to take whatever records it considered of historical value. During the course of several months approximately 600 cubic feet of material was accessioned as 85-37, the bulk of it being placed in temporary storage in the University's Old Cattle Barn. This represented approximately ten to twenty percent of the records that existed in the mill building. Clemson University Libraries acquired additional material from Michael Hembree and Rev. David Moore in 1989, accession 89-4. The material from Rev. Moore included cloth remnants, ledgers, blueprints, financial records, correspondence, and personnel records.

Pauline Klein, Manuscript Archivist, began work on this collection. Mark Smith, Project Archivist, did much of the initial arrangement and description of these records with the assistance of the following students: David Burns, John Dorris, Lori Robinson, and Doria Wood. Additional processing and organization was done by Karen Ellenberg, Manuscript Archivist, with the assistance of the following students: Srinivas Ambati, Hochin Chang, Brian Ford, Maryann Ingham, Lisa McAlister, Brian Martin, Nita Poston, Girija Rayasam, Mark Sanders, and Pradeep Singh. Final processing work was done by Michael Kohl, Project Director, with the help of several of the above named students. James Cross revised this register in 2000.

The arrangement and description of these records was made possible by the South Carolina Textile Records Research Grant from National Historical Publications and Records Commission with matching funds from the J. E. Sirrine Foundation. These

generous grants have permitted these records to be available to the public. There are no restrictions on the use of this collection.

Additional material on Clifton Manufacturing Company can be found at Converse College in Spartanburg, including correspondence, newspaper clippings, board of director's minutes, photographs, stock certificates, personnel records, and auditor's reports. The Museum of American Textile History in Andover, Massachusetts has a collection of approximately six cubic feet. A copy of the series outline and description notes is for the collection is appended to the end of this register.

Corporate History

The Clifton Manufacturing Company was founded in 1880 by Dexter Edgar Converse and A. H. Twichell on the Pacolet River site of the South Carolina Manufacturing Company iron works, just outside of Spartanburg. South Carolina business associates and some northern financial support assisted in the venture. Clifton Manufacturing Company also bought water rights on the Pacolet River.

There were ten major stockholders, including Mr. Converse and A.H. Twichell. Mr. Twichell was the first secretary-treasurer and was the company's second president. During the years of operations, there were only four presidents: Dexter Converse (1880-1890); A.H. Twichell (1899-1916); J. Choice Evins (1916-1945); and Stanley Converse (1945-1971).

The first mill began operation in the summer of 1881. The Clifton Manufacturing Company drew heavily upon northern financial support, northern textile experience, and northern textile machinery. The Mill No. 1's plans were drawn by A. D. Lockwood, of Providence, Rhode Island and the machinery was purchased from the Kitson Machine Company of Lowell, Massachusetts and the Saco Water Power Machine Company of Biddeford, Maine. The first mill superintendent was J. Longee, of Providence, Rhode Island, formerly at the Fitchville Manufacturing Company of Connecticut.

In 1893 the Clifton Manufacturing Company employed 1,500 people to manufacture cotton cloth, notably sheetings, shirtings, and drills. The company's selling agents were Wheelwright, Eldredge and Co. and O. H. Simpson and Co. (Davidsons' *The Blue Textile Directory*, 1893-1894). The second mill was built in 1896, and the third mill, called the Converse Mill was built in 1896; though the 1903 flood waters swept it away and damage No. 1 Mill and No. 2 Mill. The company repaired the other two mills and completely rebuilt the Converse mill on higher grounds. By 1919, the company had three mills in operation, employing approximately 1,000 people working 86,800 spindles and 2,600 looms, driven by water, steam, and electricity. The combined mill village population that same year was 2,500 people (*Southern Textile Bulletin*, December 25,

1919). A fourth mill was added in 1949, a fifth mill for weaving was added in 1952, and a sixth mill was built in 1957.

During its history, unions made a number of attempts to organize the employees of the Company. The Knights of Labor were active during the 1880s. The 1930s brought another upswing in union activism with the Company signing union contracts during the 1940s. The Textile Workers Union of America organized a major strike at Clifton during 1949-1950.

The Clifton Manufacturing Company was profitable until the 1960's when the combination of new manufacturing technology and foreign competition squeezed its profits. In 1965 Dan River Mills bought the Clifton Manufacturing Company, and it became a division of the Dan River Mills. Stanley Converse stayed as president of the Clifton Division of the Dan River Mills until retiring in 1969.

In addition to the sources cited above, information for this corporate history is from *A Place Called Clifton, South Carolina* by Michael Hembree and David Moore (Jacobs Press, 1987) and *Clifton: a River of Memories a Companion Volume* by the same authors (Jacobs Press, 1988) as well as from a historical note prepared by the Museum of American Textile History.

Scope and Content

The Clifton Manufacturing Company Records at Clemson University span nearly a century, beginning with the founding of the first mill in 1880. A chronology of important dates in the company's history is included in this finding aid. While there are substantial records from the Company's early years, the bulk of the material is dated from the 1920s through the 1950s.

The organization of the collection reflects the operations of the Company. The records have been placed into six series: Community Relations; Correspondence; Financial; Mill Village; Operations and Production; and Personnel and Employee Relations. Because the bulk of the material was retrieved from a warehouse floor, original order was largely non-existent. There is a substantial amount of overlap which reflects both the interrelationship of various aspects of the firm's operations as well as the fact that a number of different individuals organized the collection. With the exception of the small Community Relations and Mill Village series, material in the series is arranged first into subseries and then alphabetically by folder title and chronologically thereafter. The series descriptions can be found at the beginning of each container listing for the six series.

The records include a great deal of information about the routine activities involved in textile manufacturing including the construction and renovation of the physical plant, purchase of raw cotton, relations with agents and brokers, and the daily operations of production. A variety of records pertain to the firm's employees and concern their health and safety, wages and labor relations, and community affairs. There are substantial records concerning the 1948-1950 strikes at Clifton. The records include a variety of material related to the textile industry as a whole, which is found primarily in the correspondence series.

Clifton Manufacturing Company

CHRONOLOGY OF IMPORTANT DATES, 1870-1971

| | |
|-----------------|---|
| 1870 | Dexter Converse founds his first cotton company, Glendale Cotton Mills. |
| 1880 | Converse buys Pacolet River site; builds Clifton Manufacturing Co. |
| 1881 | First mill opens. |
| 1886-1887 | Union organizing efforts at Clifton Mills. |
| 1888 | Second mill opens. |
| 1889 | Converse College opens. |
| August 1889 | Clifton Mill Incorporates. |
| 1894 | Draper "Northrop" automatic loom invented. |
| 1895 | Third mill opens. |
| October 4, 1899 | Dexter Converse dies. |
| 1899-1900 | A. H. Twichell becomes president. |
| 1903 | Flood hits Clifton Mills. |
| 1914 | Strike at Clifton Mills. |
| 1916 | A.H. Twichell dies; J. Choice Evans becomes president. |
| 1921 | Draper Tyon Loom introduced. |
| 1928 | Flood hits Clifton Mills. |
| 1930 | Introduction of Draper High-speed loom. |
| 1933-1935 | General strike in the region. |
| 1940 | Possible strike at #2 mill village. |
| June 29, 1942 | Strike at #1 Mill. |
| 1945 | J. Choice Evans retires; Stanley Converse becomes president. |
| 1948-1950 | Strikes at Clifton Mills. |
| 1949 | Mill #4 opens. |
| 1950 | Sale of mill houses begins. |
| 1952 | School becomes part of the Spartanburg county system. |
| 1952 | Mill #5 opens. |
| 1957 | Mill #6 opens. |
| 1958 | Company begins paying operatives in check instead of cash. |
| September, 1965 | Company sold to Dan River Mills, Incorporated. |
| July, 1968 | 1000 looms eliminated, #4 closed. |
| 1969 | #1, #2, and #6 closed. |
| 1971 | #3 and #5 closed. |

FOR OUTDOORSMEN BY OUTDOORSMEN

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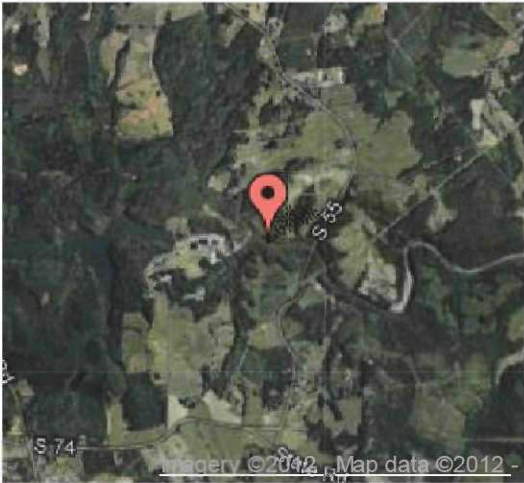
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Hook and Bullet - Hunting and Fishing for Outdoorsmen

Home » [Fishing](#) » [United States](#) » [South Carolina](#) » [Boiling Springs Rivers, Streams, and Creeks](#) » South Pacolet River

South Pacolet River Fishing near Boiling Springs, South Carolina



[Expand map](#)

- 1
- 2
- 3
- 4
- 5

Access: Public

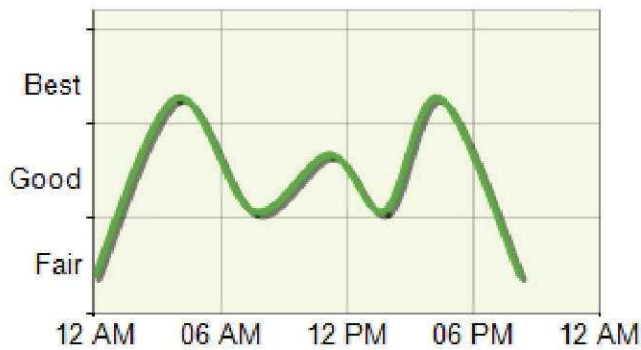
Fish for: [Edit Details](#)

Fishing Rules & Regulations: Check with South Carolina

Fishing License: Required [South Carolina Fish & Wildlife Licensing](#)

[Edit Details](#)

Weather and Fishing Times for South Pacolet River - 8/7/2012



[Enlarge](#) [See Future Dates](#)

Best Fishing Times: 2:53AM to 4:53AM, and 3:23PM to 5:23PM

Alternate Fishing Times: 10:10AM to 12:10PM

Fishing South Pacolet River, SC on 8/7/2012 will be best from 2:53AM through 4:53AM, and from 3:23PM to 5:23PM. If those times won't work for you, 10:10AM to 12:10PM looks promising. Remember to adjust these times based on barometric pressure, and weather changes.

[Extended Fishing Forecast](#)



Currently: 82.4°F

Rain: 0.16"

Rain/Month: 0"

Dew Point: 73°F

Hi: 82°F Lo:

73°F

Humidity: 74%

Pressure: 30.01"

Wind: 4 mph

Wind Chill: 88°F

Avg. Wind: WSW 4

mph

Gust: SW 4 mph

Sunrise: 6:42AM

Sunset: 8:23PM

Moonphase:

Scattered thunderstorms. Widespread showers. Highs in the lower 80s. South winds around 5 mph. Chance of rain near 100 percent.

Nearby Hot Spots



"This lake is good for catching walleye, smallmouth bass and crappie. There are rock..." [Lake Adger](#)



"Was using an old 1970 Rappala and caught a 19 pound steelhead trout. He was an old..." [Powder Branch](#)



"the best way to get to gilder creek fishing hole is to go through neighbors pool..." [Little Gilder Creek](#)

Fishing Reports for South Pacolet River - Boiling Springs, South Carolina

[Write a Report](#)

More About

South Pacolet River is a stream located just 4.5 miles from Boiling Springs, in the state of South Carolina, United States, near Cooley Springs, SC. Fishermen will find a variety of fish including largemouth bass, bluegill and smallmouth bass here. So grab your favorite fly fishing rod and reel, and head out to South Pacolet River. If all goes well, the smallmouth will be hooked by your leaf worms, the copper nose will be biting your worms and the largemouth will be grabbing your maggots.

Alternate names for this stream includes South Fork Pacolet River. To find this fishing spot check the map shown above or enter 35.1104 latitude, and -81.96288 longitude into your GPS device. [View South Pacolet River Topo Map](#).

And please remember to check with the local Fish and Wildlife department to ensure the stream is open to the public, and that you have the necessary fishing license. Now what are you waiting for, get fishing!

South Pacolet River est un ruisseau situé à seulement 4.5 miles de Boiling Springs dans les état de l'South Carolina, United States, près de Cooley Springs, SC. Les pêcheurs trouveront une grande variété de poissons, y compris achigan à grande bouche, arlequin et achigan à petite bouche ici. Que vous soyez autrement vos chances d'obtenir une morsure ici sont bonnes. Alors prenez votre canne à pêche à la mouche favorite et la bobine, et partez à South Pacolet River. Si tout va bien, le smallmouth sera accroché par votre leaf worms, l' copper nose sera mordre vos vers la worms et l'largemouth sera saisissant votre maggots.

Autres noms pour ce stream comprend South River Pacolet Fork. Pour trouver cet endroit de pêche consultez la carte ci-dessus ou entrez 35.1104 de latitude et de longitude -81.96288 dans votre appareil GPS. [Voir South Pacolet River Carte Topographique](#).

Et s'il vous plaît n'oubliez pas de vérifier avec les poissons de la faune locale et du service pour assurer le ruisseau est ouvert au public, et que vous avez le permis de pêche obligatoire. Maintenant, ce que vous attendez, vous la pêche!

South Pacolet River es el corriente situado a 4.5 miles de Boiling Springs en los estado de South Carolina, United States, cerca de Cooley Springs, SC. Los pescadores encontrarán una gran variedad de peces incluyendo lobina, mojarra de agallas azules y boca chica graves aquí Ya sea que esté de lo contrario sus probabilidades de contraer una picadura de aquí son buenos. Así que coge tu caña favoritos pesca con mosca y carrete, y dirijase a South Pacolet River. Si todo va bien, la smallmouth se sentirán cautivados por su leaf

worms, el copper nose se muerde su hoja de worms y las largemouth se asiendo su maggots.

Suplente nombres para este stream incluye Tenedor Sur Pacolet Río. Para encontrar este lugar de pesca Consulte el mapa que aparece arriba o entrar en 35.1104 latitud, y -81.96288 de longitud en el dispositivo GPS. [Ver Mapa Topográfico de South Pacolet River](#).

Y por favor recuerde verificar con el local de Pesca y Vida Silvestre del departamento para garantizar la corriente es abierto al público, y que tiene la licencia de pesca necesario. Ahora, ¿qué estás esperando, consiga la pesca!

Disagree with this description? [Submit corrections](#)

Bait Shops near South Pacolet River

[Tad's Poles](#)Inman

[Angler's Choice](#)Spartanburg

[Sessions Marine, Bait, and Tackle](#)Boiling Springs

[A & B Aquarium & Sports](#)Spartanburg

[T & M'S Bait & Tackle Shop](#)Spartanburg

Fishing Spots near South Pacolet River

[North Pacolet River](#)Boiling Springs

[Rainbow Lake](#)Boiling Springs

[Thompson Creek](#)Boiling Springs

[Obed Creek](#)Boiling Springs

[Adventure Creek](#)Boiling Springs

[Locator Map](#)

[View all Spartanburg County Fishing Spots](#)

[View all South Carolina Fishing Spots](#)

Campgrounds near South Pacolet River

[Poplar Springs Campground](#)41 miles

[North Mills River Campground](#)44 miles

[Davidson River Campground](#)45 miles

[Lake Powhatan Campground](#)46 miles

[White Pine North Group Camp Campground](#)46 miles

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

April 16, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0276, Converse Mill
Superfund Remedial

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Corey Hendrix

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

PCB Aroclors (PCBA)

PCB aroclors

CLP Aroclors



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Report Narrative for Work Order C121104, Project: 12-0276
Site Name: Converse Mill, Converse, SC
CLP Case No. 42294, ELEMENT Sample Nos. C121104-01, 02, 05-13, 15

Organic Analysis: CompuChem, Cary, NC

The ESAT Work Team reviewed data for three water and seven soil samples analyzed for Low/Medium Volatile Organic Compounds, Semi-Volatiles Extractable Organic Compound, Pesticide Compounds, and PCB Aroclors per CLP Statement of Work SOM01.2. The analytical results were reported in two sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory also analyzed two performance evaluation samples (PESs) for evaluating the laboratory's performance with using the methods. The samples were collected on 02/29/12 and were received by the laboratory on 03/01/12. The final data package was received on 03/21/12 by the USEPA Quality Assurance Section, Region 4 SED/MTSB.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1/QC-2). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

For sample C121104-10, the reporting limits are elevated due to a high percent moisture content in the samples, greater than 50%.

Data quality factors requiring qualification of results are discussed below:

Low/Medium Volatile Organic Compounds

Water Matrix

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Soil Matrix

The laboratory scored within acceptable limits for all spiked compounds in the soil PES with the exceptions of trichlorofluoromethane, 1,1-dichloroethene, and 2-butanone which were all scored as warning high. Positive detects for 2-butanone were qualified "J" (CLP26). Data qualification of trichlorofluoromethane and 1,1-dichloroethene based upon PES results was not required as they were not detected in any volatiles soil sample.



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Acetone and methylene chloride were detected in the PES when they were not spiked, and were treated as a blank contaminant during data validation. Methylene chloride did not require qualification since it was not detected in any soil samples. The reporting limit for acetone was raised to the amount found in samples C121104-05, 08, and 09 and qualified "U" B-4.

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Semi-Volatile Extractable Organic Compounds

Water Matrix

There were no anomalies associated with the Semi-Volatile Organic Compound waters requiring data qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES with the exception of benzaldehyde which was scored as warning low, and 2,-nitrophenol and 1,1-biphenyl which were scored as analyte missed and action low, respectively. Soil sample results for benzaldehyde were all qualified "J" (CLP26). Since all soil sample results for 2-nitrophenol and 1,1,-biphenyl were non-detects, these results were qualified "R" (CLP27).

The percent recovery of the DMC 4-chloroaniline-d4 was within the quality control limits established in the method and less than 10% recovery in samples C121104-08, 09, and 11. The compounds associated with this DMC were qualified "J" (QS-4).

The percent recovery of the DMC 4-chloroaniline-d4 was less than the lower quality control limit and less than 10% in samples C121104-05, 06, and 10. The compounds, 4-chloroaniline, hexachlorocyclopentadiene, and 3,3'-dichlorobenzidine were not detected and were qualified "R" (QS-4).

Pesticide Compounds

Pesticide results were qualified "N,CLP12" whenever the percent difference between analytical column results exceeds 25% but is less than 70%. Higher percent differences with the attached "N" qualifier may be indicative of a false positive result.

Water Matrix



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There were no anomalies associated with the Pesticide water samples requiring additional qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES, except endrin ketone was detected in the PES when it was not spiked and treated as a blank contaminant during data validation. The result for endrin ketone was raised to the reporting limit in sample C121104-10.

PCB Aroclors

There were no anomalies associated with the PCB Aroclors requiring additional qualification of results.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner



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SAMPLES INCLUDED IN THIS REPORT

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

| Sample ID | Laboratory ID | MD# | D# | Matrix | Date Collected |
|------------|---------------|------|------|---------------|----------------|
| CVM-001-SD | C121104-05 | 6PJ8 | 6PJ8 | Sediment | 2/29/12 12:00 |
| CVM-002-SD | C121104-06 | 6PJ9 | 6PJ9 | Sediment | 2/29/12 10:45 |
| CVM-002-SW | C121104-07 | 6PK4 | 6PK4 | Surface Water | 2/29/12 10:35 |
| CVM-003-SD | C121104-08 | 6PK0 | 6PK0 | Sediment | 2/29/12 12:00 |
| CVM-004-SD | C121104-09 | 6PK1 | 6PK1 | Sediment | 2/29/12 10:15 |
| CVM-005-SD | C121104-10 | 6PK2 | 6PK2 | Sediment | 2/29/12 12:30 |
| CVM-006-SD | C121104-11 | 6PK3 | 6PK3 | Sediment | 2/29/12 10:45 |
| CVM-006-SW | C121104-12 | 6PK5 | 6PK5 | Surface Water | 2/29/12 10:30 |



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DATA QUALIFIER DEFINITIONS

| | |
|-------|---|
| U | The analyte was not detected at or above the reporting limit. |
| CLP01 | Concentration reported is less than the lowest standard on calibration curve |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported. |



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PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|-------------------------|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| E1644012 | % Moisture | 37 | | % | | 3/07/12 | 3/09/12 | CLP Aroclors |
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 52 | U | ug/kg dry | 52 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |



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Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|-------------------------|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| E1644012 | % Moisture | 46 | | % | | 3/07/12 | 3/09/12 | CLP Aroclors |
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 61 | U | ug/kg dry | 61 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |



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PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SW

Lab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|-------------------------|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 0.93 | U | ug/L | 0.93 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |



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PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|-------------------------|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| E1644012 | % Moisture | 32 | | % | | 3/07/12 | 3/09/12 | CLP Aroclors |
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 48 | U | ug/kg dry | 48 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |



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PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|-------------------------|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| E1644012 | % Moisture | 26 | | % | | 3/07/12 | 3/09/12 | CLP Aroclors |
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 45 | U | ug/kg dry | 45 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |



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PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|-------------------------|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| E1644012 | % Moisture | 71 | | % | | 3/07/12 | 3/18/12 | CLP Aroclors |
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 19 | J, CLP01 | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 120 | U | ug/kg dry | 120 | 3/07/12 | 3/18/12 | CLP SOM01.2 A |



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PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|-------------------------|---------|------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 26 | | % | | 3/07/12 | 3/09/12 | CLP Aroclors |
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 44 | U | ug/kg dry | 44 | 3/07/12 | 3/09/12 | CLP SOM01.2 A |



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Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

PCB Aroclors

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|-------------------------|---------|------------|-------|------|----------|----------|---------------|
| 12674-11-2 | PCB-1016 (Aroclor 1016) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11104-28-2 | PCB-1221 (Aroclor 1221) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11141-16-5 | PCB-1232 (Aroclor 1232) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 53469-21-9 | PCB-1242 (Aroclor 1242) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 12672-29-6 | PCB-1248 (Aroclor 1248) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11097-69-1 | PCB-1254 (Aroclor 1254) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11096-82-5 | PCB-1260 (Aroclor 1260) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 37324-23-5 | PCB-1262 (Aroclor 1262) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |
| 11100-14-4 | PCB-1268 (Aroclor 1268) | 0.98 | U | ug/L | 0.98 | 3/05/12 | 3/08/12 | CLP SOM01.2 A |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

April 16, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0276, Converse Mill
Superfund Remedial

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Corey Hendrix

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

Semi Volatile Organics (SVOA)

Semivolatile organic compounds

CLP BNA



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Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Report Narrative for Work Order C121104, Project: 12-0276
Site Name: Converse Mill, Converse, SC
CLP Case No. 42294, ELEMENT Sample Nos. C121104-01, 02, 05-13, 15

Organic Analysis: CompuChem, Cary, NC

The ESAT Work Team reviewed data for three water and seven soil samples analyzed for Low/Medium Volatile Organic Compounds, Semi-Volatiles Extractable Organic Compound, Pesticide Compounds, and PCB Aroclors per CLP Statement of Work SOM01.2. The analytical results were reported in two sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory also analyzed two performance evaluation samples (PESs) for evaluating the laboratory's performance with using the methods. The samples were collected on 02/29/12 and were received by the laboratory on 03/01/12. The final data package was received on 03/21/12 by the USEPA Quality Assurance Section, Region 4 SED/MTSB.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1/QC-2). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

For sample C121104-10, the reporting limits are elevated due to a high percent moisture content in the samples, greater than 50%.

Data quality factors requiring qualification of results are discussed below:

Low/Medium Volatile Organic Compounds

Water Matrix

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Soil Matrix

The laboratory scored within acceptable limits for all spiked compounds in the soil PES with the exceptions of trichlorofluoromethane, 1,1-dichloroethene, and 2-butanone which were all scored as warning high. Positive detects for 2-butanone were qualified "J" (CLP26). Data qualification of trichlorofluoromethane and 1,1-dichloroethene based upon PES results was not required as they were not detected in any volatiles soil sample.



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Acetone and methylene chloride were detected in the PES when they were not spiked, and were treated as a blank contaminant during data validation. Methylene chloride did not require qualification since it was not detected in any soil samples. The reporting limit for acetone was raised to the amount found in samples C121104-05, 08, and 09 and qualified "U" B-4.

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Semi-Volatile Extractable Organic Compounds

Water Matrix

There were no anomalies associated with the Semi-Volatile Organic Compound waters requiring data qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES with the exception of benzaldehyde which was scored as warning low, and 2,-nitrophenol and 1,1-biphenyl which were scored as analyte missed and action low, respectively. Soil sample results for benzaldehyde were all qualified "J" (CLP26). Since all soil sample results for 2-nitrophenol and 1,1,-biphenyl were non-detects, these results were qualified "R" (CLP27).

The percent recovery of the DMC 4-chloroaniline-d4 was within the quality control limits established in the method and less than 10% recovery in samples C121104-08, 09, and 11. The compounds associated with this DMC were qualified "J" (QS-4).

The percent recovery of the DMC 4-chloroaniline-d4 was less than the lower quality control limit and less than 10% in samples C121104-05, 06, and 10. The compounds, 4-chloroaniline, hexachlorocyclopentadiene, and 3,3'-dichlorobenzidine were not detected and were qualified "R" (QS-4).

Pesticide Compounds

Pesticide results were qualified "N,CLP12" whenever the percent difference between analytical column results exceeds 25% but is less than 70%. Higher percent differences with the attached "N" qualifier may be indicative of a false positive result.

Water Matrix



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There were no anomalies associated with the Pesticide water samples requiring additional qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES, except endrin ketone was detected in the PES when it was not spiked and treated as a blank contaminant during data validation. The result for endrin ketone was raised to the reporting limit in sample C121104-10.

PCB Aroclors

There were no anomalies associated with the PCB Aroclors requiring additional qualification of results.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

| Sample ID | Laboratory ID | MD# | D# | Matrix | Date Collected |
|------------|---------------|------|------|---------------|----------------|
| CVM-001-SD | C121104-05 | 6PJ8 | 6PJ8 | Sediment | 2/29/12 12:00 |
| CVM-002-SD | C121104-06 | 6PJ9 | 6PJ9 | Sediment | 2/29/12 10:45 |
| CVM-002-SW | C121104-07 | 6PK4 | 6PK4 | Surface Water | 2/29/12 10:35 |
| CVM-003-SD | C121104-08 | 6PK0 | 6PK0 | Sediment | 2/29/12 12:00 |
| CVM-004-SD | C121104-09 | 6PK1 | 6PK1 | Sediment | 2/29/12 10:15 |
| CVM-005-SD | C121104-10 | 6PK2 | 6PK2 | Sediment | 2/29/12 12:30 |
| CVM-006-SD | C121104-11 | 6PK3 | 6PK3 | Sediment | 2/29/12 10:45 |
| CVM-006-SW | C121104-12 | 6PK5 | 6PK5 | Surface Water | 2/29/12 10:30 |



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DATA QUALIFIER DEFINITIONS

| | |
|-------|--|
| U | The analyte was not detected at or above the reporting limit. |
| CLP01 | Concentration reported is less than the lowest standard on calibration curve |
| CLP15 | TIC Results Reported as Identified by Lab - IDs Not Verified |
| CLP16 | Initial Calibration Response Erratic |
| CLP25 | PE sample recovery scored as warning-low. |
| CLP27 | PE sample recovery scored as action low. |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |
| N | There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. |
| NJ | Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value. |
| QC-1 | Analyte concentration low in continuing calibration verification standard |
| QS-4 | Surrogate recovery less than 10% |
| R | The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable. |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported. |



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Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 37 | | % | | 3/07/12 | 3/20/12 | CLP BNA |
| 1319-77-3 | (3-and/or 4-)Methylphenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 270 | U, R, CLP27 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 520 | U, J, QC-1, CLP16 | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 520 | U | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 520 | U | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 270 | U, R, CLP27 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 270 | U, R, QS-4 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 520 | U | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 270 | U, R, QS-4 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 520 | U | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 520 | U, J, QC-1 | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|--------------------|-----------|-----|----------|----------|---------------|
| 208-96-8 | Acenaphthylene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-86-2 | Acetophenone | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 75 | J, CLP01 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 270 | U, J, CLP16 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 270 | U, J, CLP16, CLP25 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 460 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 450 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 790 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 290 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 260 | J, CLP01 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 270 | U, J, CLP16 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 580 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 69 | J, CLP01 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 920 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 270 | U, R, QS-4, CLP16 | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 320 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 520 | U, J, CLP16 | ug/kg dry | 520 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 410 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 270 | U | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 940 | | ug/kg dry | 270 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |

Tentatively Identified Compounds:

| | | | | | | | | |
|--------------|--------------------------------|------|-----------|-----------|--|---------|---------|---------------|
| 83-47-6 | .gamma.-Sitosterol | 2000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 203-64-5 | 4H-Cyclopenta[def]phenanthrene | 300 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 192-97-2 | Benzo[e]pyrene | 400 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1000333-19-5 | cis-9-Hexadecenoic acid | 300 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 559-74-0 | Friedelan-3-one | 2000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 57-10-3 | n-Hexadecanoic acid | 400 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6500 | Petroleum Product: | | N, CLP15 | | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7683-64-9 | Squalene | 400 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6501 | Unidentified Compound(s) | 4000 | J, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 46 | | % | | 3/07/12 | 3/20/12 | CLP BNA |
| 1319-77-3 | (3-and/or 4-)Methylphenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 320 | U, R, CLP27 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 610 | U, J, QC-1, CLP16 | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 610 | U | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 610 | U | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 320 | U, R, CLP27 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 320 | U, R, QS-4 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 610 | U | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 320 | U, R, QS-4 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 610 | U | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 610 | U, J, QC-1 | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|-----------------|-----------|-----|----------|----------|---------------|
| 208-96-8 | Acenaphthylene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-86-2 | Acetophenone | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 320 | U, J, CLP16 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 78 | J, CLP16, CLP25 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 320 | U, J, CLP16 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 57 | J, CLP01 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 320 | U, R, QS-4, CLP16 | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 610 | U, J, CLP16 | ug/kg dry | 610 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 320 | U | ug/kg dry | 320 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |

Tentatively Identified Compounds:

| | | | | | | | | |
|------------|--------------------------|-------|-----------|-----------|--|---------|---------|---------------|
| 83-47-6 | .gamma.-Sitosterol | 5000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 13187-99-0 | 2-Bromo dodecane | 900 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6500 | Petroleum Product: | | N, CLP15 | | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1058-61-3 | Stigmast-4-en-3-one | 1000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6501 | Unidentified Compound(s) | 30000 | J, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SW

Lab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------|-------|-----|----------|----------|---------------|
| 1319-77-3 | (3-and/or 4-)Methylphenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 9.6 | U, J, CLP16 | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 9.6 | U | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 9.6 | U | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 9.6 | U | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 9.6 | U | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 9.6 | U | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 208-96-8 | Acenaphthylene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SWLab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|-------------|-------|-----|----------|----------|---------------|
| 98-86-2 | Acetophenone | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 4.8 | U, J, CLP16 | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 4.8 | U, J, CLP16 | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SW

Lab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|--------------------------------------|----------|------------|-------|-----|----------|----------|---------------|
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 9.6 | U | ug/L | 9.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 4.8 | U | ug/L | 4.8 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-6500 | Petroleum Product: | N, CLP15 | | | | 3/05/12 | 3/13/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 32 | | % | | 3/07/12 | 3/20/12 | CLP BNA |
| 1319-77-3 | (3-and/or 4-)Methylphenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 250 | U, R, CLP27 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 490 | U, J, QC-1, CLP16 | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 490 | U | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 490 | U | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 250 | U, R, CLP27 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 250 | U, J, QS-4 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 490 | U | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 250 | U, J, QS-4 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 490 | U | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 490 | U, J, QC-1 | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|--------------------|-----------|-----|----------|----------|---------------|
| 208-96-8 | Acenaphthylene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-86-2 | Acetophenone | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 250 | U, J, CLP16 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 250 | U, J, CLP16, CLP25 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 64 | J, CLP01 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 250 | U, J, CLP16 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 43 | J, CLP01 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 60 | J, CLP01 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 250 | U, J, QS-4, CLP16 | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 490 | U, J, CLP16 | ug/kg dry | 490 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 250 | U | ug/kg dry | 250 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |

Tentatively Identified Compounds:

| | | | | | | | | |
|------------|--------------------------|-------|-----------|-----------|--|---------|---------|---------------|
| 83-47-6 | .gamma.-Sitosterol | 2000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 13187-99-0 | 2-Bromo dodecane | 800 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 559-74-0 | Friedelan-3-one | 400 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6500 | Petroleum Product: | | N, CLP15 | | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1058-61-3 | Stigmast-4-en-3-one | 600 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6501 | Unidentified Compound(s) | 10000 | J, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 26 | | % | | 3/07/12 | 3/20/12 | CLP BNA |
| 1319-77-3 | (3-and/or 4-)Methylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 230 | U, R, CLP27 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 450 | U, J, CLP16, QC-1 | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 230 | U, R, CLP27 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 230 | U, J, QS-4 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 230 | U, J, QS-4 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 450 | U, J, QC-1 | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|-----------------|-----------|-----|----------|----------|---------------|
| 208-96-8 | Acenaphthylene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-86-2 | Acetophenone | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 230 | U, J, CLP16 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 77 | J, CLP16, CLP25 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 230 | U, J, CLP16 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|-----------------------|--------------------------------------|----------------|----------------------|--------------|------------|-----------------|-----------------|---------------|
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 230 | U, J, QS-4, CLP16 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 450 | U, J, CLP16 | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |

Tentatively Identified Compounds:

| | | | | | | | | |
|-----------|--------------------------|-------|-----------|-----------|--|---------|---------|---------------|
| 83-47-6 | .gamma.-Sitosterol | 2000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 559-74-0 | Friedelan-3-one | 2000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6500 | Petroleum Product: | | N, CLP15 | | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1058-61-3 | Stigmast-4-en-3-one | 700 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6501 | Unidentified Compound(s) | 20000 | J, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------------|-----------|------|----------|----------|---------------|
| E1644012 | % Moisture | 71 | | % | | 3/07/12 | 3/20/12 | CLP BNA |
| 1319-77-3 | (3-and/or 4-)Methylphenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 590 | U, R, CLP27 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 1200 | U, J, QC-1, CLP16 | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 1200 | U | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 1200 | U | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 590 | U, R, CLP27 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 590 | U, R, QS-4 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 1200 | U | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 590 | U, R, QS-4 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 1200 | U | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 1200 | U, J, QC-1 | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|--------------------|-----------|-----|----------|----------|---------------|
| 208-96-8 | Acenaphthylene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-86-2 | Acetophenone | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 590 | U, J, CLP16 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 590 | U, J, CLP16, CLP25 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 1700 | | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 590 | U, J, CLP16 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------------|---------|-------------------|-----------|------|----------|----------|---------------|
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 590 | U, R, QS-4, CLP16 | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 1200 | U, J, CLP16 | ug/kg dry | 1200 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 590 | U | ug/kg dry | 590 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |

Tentatively Identified Compounds:

| | | | | | | | | |
|-----------|--------------------------|-------|-----------|-----------|--|---------|---------|---------------|
| 83-47-6 | .gamma.-Sitosterol | 10000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 559-74-0 | Friedelan-3-one | 3000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1617-70-5 | Lup-20(29)-en-3-one | 10000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 545-47-1 | Lupeol | 10000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 57-10-3 | n-Hexadecanoic acid | 1000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6500 | Petroleum Product: | | N, CLP15 | | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1058-61-3 | Stigmast-4-en-3-one | 4000 | NJ, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| R4-6501 | Unidentified Compound(s) | 40000 | J, CLP15 | ug/kg dry | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 26 | | % | | 3/07/12 | 3/20/12 | CLP BNA |
| 1319-77-3 | (3-and/or 4-)Methylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 230 | U, R, CLP27 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 450 | U, J, QC-1, CLP16 | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 230 | U, R, CLP27 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 230 | U, J, QS-4 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 230 | U, J, QS-4 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 450 | U | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 450 | U, J, QC-1 | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|--------------------|-----------|-----|----------|----------|---------------|
| 208-96-8 | Acenaphthylene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-86-2 | Acetophenone | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 230 | U, J, CLP16 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 230 | U, J, CLP16, CLP25 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 230 | U, J, CLP16 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|--|--------------------------------------|---------|-------------------|-----------|-----|----------|----------|---------------|
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 230 | U, J, QS-4, CLP16 | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 450 | U, J, CLP16 | ug/kg dry | 450 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 230 | U | ug/kg dry | 230 | 3/07/12 | 3/20/12 | CLP SOM01.2 B |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-6500 | Petroleum Product: | | N, CLP15 | | | 3/07/12 | 3/20/12 | CLP SOM01.2 B |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------|-------|-----|----------|----------|---------------|
| 1319-77-3 | (3-and/or 4-)Methylphenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 92-52-4 | 1,1-Biphenyl | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-95-4 | 2,4,5-Trichlorophenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 88-06-2 | 2,4,6-Trichlorophenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 120-83-2 | 2,4-Dichlorophenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 105-67-9 | 2,4-Dimethylphenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 51-28-5 | 2,4-Dinitrophenol | 9.3 | U, J, CLP16 | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 121-14-2 | 2,4-Dinitrotoluene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 606-20-2 | 2,6-Dinitrotoluene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-58-7 | 2-Chloronaphthalene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-57-8 | 2-Chlorophenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 534-52-1 | 2-Methyl-4,6-dinitrophenol | 9.3 | U | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-57-6 | 2-Methylnaphthalene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 95-48-7 | 2-Methylphenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 88-74-4 | 2-Nitroaniline | 9.3 | U | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 88-75-5 | 2-Nitrophenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-94-1 | 3,3'-Dichlorobenzidine | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 99-09-2 | 3-Nitroaniline | 9.3 | U | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 101-55-3 | 4-Bromophenyl phenyl ether | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 59-50-7 | 4-Chloro-3-methylphenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 106-47-8 | 4-Chloroaniline | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 100-01-6 | 4-Nitroaniline | 9.3 | U | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 100-02-7 | 4-Nitrophenol | 9.3 | U | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 83-32-9 | Acenaphthene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 208-96-8 | Acenaphthylene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|-------------|-------|-----|----------|----------|---------------|
| 98-86-2 | Acetophenone | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 120-12-7 | Anthracene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 1912-24-9 | Atrazine | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 100-52-7 | Benzaldehyde | 4.6 | U, J, CLP16 | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 56-55-3 | Benzo(a)anthracene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 50-32-8 | Benzo(a)pyrene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 205-99-2 | Benzo(b)fluoranthene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 191-24-2 | Benzo(g,h,i)perylene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 207-08-9 | Benzo(k)fluoranthene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 85-68-7 | Benzyl butyl phthalate | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 111-91-1 | Bis(2-chloroethoxy)methane | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 111-44-4 | bis(2-Chloroethyl) Ether | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 39638-32-9 | Bis(2-chloroisopropyl) ether | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 105-60-2 | Caprolactam | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 86-74-8 | Carbazole | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 218-01-9 | Chrysene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 53-70-3 | Dibenzo(a,h)anthracene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 132-64-9 | Dibenzofuran | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 84-66-2 | Diethyl phthalate | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 131-11-3 | Dimethyl phthalate | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 84-74-2 | Di-n-butylphthalate | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 117-84-0 | Di-n-octylphthalate | 4.6 | U, J, CLP16 | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 206-44-0 | Fluoranthene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 86-73-7 | Fluorene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 118-74-1 | Hexachlorobenzene (HCB) | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 87-68-3 | Hexachlorobutadiene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 77-47-4 | Hexachlorocyclopentadiene (HCCP) | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 67-72-1 | Hexachloroethane | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|--------------------------------------|---------|------------|-------|-----|----------|----------|---------------|
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 78-59-1 | Isophorone | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 91-20-3 | Naphthalene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 98-95-3 | Nitrobenzene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 621-64-7 | n-Nitroso di-n-Propylamine | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 122-39-4 | n-Nitrosodiphenylamine/Diphenylamine | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 87-86-5 | Pentachlorophenol | 9.3 | U | ug/L | 9.3 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 85-01-8 | Phenanthrene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 108-95-2 | Phenol | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| 129-00-0 | Pyrene | 4.6 | U | ug/L | 4.6 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 5 | U | ug/L | 5 | 3/05/12 | 3/13/12 | CLP SOM01.2 B |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

April 16, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0276, Converse Mill
Superfund Remedial

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Corey Hendrix

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

Volatile Organics (VOA)

Volatile organic compounds

CLP VOA



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Report Narrative for Work Order C121104, Project: 12-0276
Site Name: Converse Mill, Converse, SC
CLP Case No. 42294, ELEMENT Sample Nos. C121104-01, 02, 05-13, 15

Organic Analysis: CompuChem, Cary, NC

The ESAT Work Team reviewed data for three water and seven soil samples analyzed for Low/Medium Volatile Organic Compounds, Semi-Volatiles Extractable Organic Compound, Pesticide Compounds, and PCB Aroclors per CLP Statement of Work SOM01.2. The analytical results were reported in two sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory also analyzed two performance evaluation samples (PESs) for evaluating the laboratory's performance with using the methods. The samples were collected on 02/29/12 and were received by the laboratory on 03/01/12. The final data package was received on 03/21/12 by the USEPA Quality Assurance Section, Region 4 SEDS/MTSB.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1/QC-2). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

For sample C121104-10, the reporting limits are elevated due to a high percent moisture content in the samples, greater than 50%.

Data quality factors requiring qualification of results are discussed below:

Low/Medium Volatile Organic Compounds

Water Matrix

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Soil Matrix

The laboratory scored within acceptable limits for all spiked compounds in the soil PES with the exceptions of trichlorofluoromethane, 1,1-dichloroethene, and 2-butanone which were all scored as warning high. Positive detects for 2-butanone were qualified "J" (CLP26). Data qualification of trichlorofluoromethane and 1,1-dichloroethene based upon PES results was not required as they were not detected in any volatiles soil sample.



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Acetone and methylene chloride were detected in the PES when they were not spiked, and were treated as a blank contaminant during data validation. Methylene chloride did not require qualification since it was not detected in any soil samples. The reporting limit for acetone was raised to the amount found in samples C121104-05, 08, and 09 and qualified "U" B-4.

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Semi-Volatile Extractable Organic Compounds

Water Matrix

There were no anomalies associated with the Semi-Volatile Organic Compound waters requiring data qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES with the exception of benzaldehyde which was scored as warning low, and 2,-nitrophenol and 1,1-biphenyl which were scored as analyte missed and action low, respectively. Soil sample results for benzaldehyde were all qualified "J" (CLP26). Since all soil sample results for 2-nitrophenol and 1,1,-biphenyl were non-detects, these results were qualified "R" (CLP27).

The percent recovery of the DMC 4-chloroaniline-d4 was within the quality control limits established in the method and less than 10% recovery in samples C121104-08, 09, and 11. The compounds associated with this DMC were qualified "J" (QS-4).

The percent recovery of the DMC 4-chloroaniline-d4 was less than the lower quality control limit and less than 10% in samples C121104-05, 06, and 10. The compounds, 4-chloroaniline, hexachlorocyclopentadiene, and 3,3'-dichlorobenzidine were not detected and were qualified "R" (QS-4).

Pesticide Compounds

Pesticide results were qualified "N,CLP12" whenever the percent difference between analytical column results exceeds 25% but is less than 70%. Higher percent differences with the attached "N" qualifier may be indicative of a false positive result.

Water Matrix



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

There were no anomalies associated with the Pesticide water samples requiring additional qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES, except endrin ketone was detected in the PES when it was not spiked and treated as a blank contaminant during data validation. The result for endrin ketone was raised to the reporting limit in sample C121104-10.

PCB Aroclors

There were no anomalies associated with the PCB Aroclors requiring additional qualification of results.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

| Sample ID | Laboratory ID | MD# | D# | Matrix | Date Collected |
|------------|---------------|------|------|--------------------|----------------|
| CVM-007-TS | C121104-01 | | 6PK9 | Trip Blank - Soil | 2/29/12 11:00 |
| CVM-007-TW | C121104-02 | | 6PK6 | Trip Blank - Water | 2/29/12 10:30 |
| CVM-001-SD | C121104-05 | 6PJ8 | 6PJ8 | Sediment | 2/29/12 12:00 |
| CVM-002-SD | C121104-06 | 6PJ9 | 6PJ9 | Sediment | 2/29/12 10:45 |
| CVM-002-SW | C121104-07 | 6PK4 | 6PK4 | Surface Water | 2/29/12 10:35 |
| CVM-003-SD | C121104-08 | 6PK0 | 6PK0 | Sediment | 2/29/12 12:00 |
| CVM-004-SD | C121104-09 | 6PK1 | 6PK1 | Sediment | 2/29/12 10:15 |
| CVM-005-SD | C121104-10 | 6PK2 | 6PK2 | Sediment | 2/29/12 12:30 |
| CVM-006-SD | C121104-11 | 6PK3 | 6PK3 | Sediment | 2/29/12 10:45 |
| CVM-006-SW | C121104-12 | 6PK5 | 6PK5 | Surface Water | 2/29/12 10:30 |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

DATA QUALIFIER DEFINITIONS

| | |
|-------|--|
| U | The analyte was not detected at or above the reporting limit. |
| B-4 | Level in blank impacts MRLs. |
| CLP01 | Concentration reported is less than the lowest standard on calibration curve |
| CLP15 | TIC Results Reported as Identified by Lab - IDs Not Verified |
| CLP17 | Initial Calibration Relative Response Outside Method Control Limits |
| CLP26 | PE sample recovery scored as warning-high. |
| CLP32 | Continuing Calibration Relative Response Outside Method Control Limits |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |
| NJ | Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value. |
| QC-2 | Analyte concentration high in continuing calibration verification standard |
| R | The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable. |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported. |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-007-TS

Lab ID: C121104-01

MD No:

Station ID:

Matrix: Trip Blank - Soil

D No: 6PK9 LIBRTY

Date Collected: 2/29/12 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 0.0 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 150 | U, R, CLP32, CLP17 | ug/kg dry | 150 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-007-TSLab ID: C121104-01

MD No:

Station ID:

Matrix: Trip Blank - Soil

D No: 6PK9 LIBRTY

Date Collected: 2/29/12 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-----------|-----|----------|----------|---------------|
| 75-00-3 | Chloroethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 0.86 | J, CLP01 | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 7.4 | U | ug/kg dry | 7.4 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 7 | U | ug/kg dry | 7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-007-TWLab ID: C121104-02

MD No:

Station ID:

Matrix: Trip Blank - Water

D No: 6PK6 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-------|-----|----------|----------|---------------|
| R4-7156 | (m- and/or p-)Xylene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 100 | U, R, CLP32, CLP17 | ug/L | 100 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-007-TW

Lab ID: C121104-02

MD No:

Station ID:

Matrix: Trip Blank - Water

D No: 6PK6 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-------|-----|----------|----------|---------------|
| 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 5 | U | ug/L | 5 | 3/03/12 | 3/03/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 37 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 140 | U, R, CLP32, CLP17 | ug/kg dry | 140 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 47 | U, B-4 | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-----------|-----|----------|----------|---------------|
| 75-00-3 | Chloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 7 | U | ug/kg dry | 7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 46 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 270 | U, R, CLP32, CLP17 | ug/kg dry | 270 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 140 | J, QC-2 | ug/kg dry | 27 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|----------------|-----------|-----|----------|----------|---------------|
| 75-00-3 | Chloroethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 27 | U | ug/kg dry | 27 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 44 | J, QC-2, CLP26 | ug/kg dry | 27 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 27 | U | ug/kg dry | 27 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 13 | U | ug/kg dry | 13 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 10 | U | ug/kg dry | 10 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SWLab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-------|-----|----------|----------|---------------|
| R4-7156 | (m- and/or p-)Xylene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 100 | U, R, CLP32, CLP17 | ug/L | 100 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SWLab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-------|-----|----------|----------|---------------|
| 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 5 | U | ug/L | 5 | 3/03/12 | 3/03/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 32 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 150 | U, R, CLP32, CLP17 | ug/kg dry | 150 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 30 | U, B-4 | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-----------|-----|----------|----------|---------------|
| 75-00-3 | Chloroethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 15 | U | ug/kg dry | 15 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 7.7 | U | ug/kg dry | 7.7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |

Tentatively Identified Compounds:

| | | | | | | | | |
|---------|----------------------------------|---|---|-----------|---|---------|---------|---------------|
| R4-0000 | Tentatively Identified Compounds | 8 | U | ug/kg dry | 8 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
|---------|----------------------------------|---|---|-----------|---|---------|---------|---------------|



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 26 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 140 | U, R, CLP32, CLP17 | ug/kg dry | 140 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 25 | U, B-4 | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SDLab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-----------|-----|----------|----------|---------------|
| 75-00-3 | Chloroethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 7.2 | U | ug/kg dry | 7.2 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 7 | U | ug/kg dry | 7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 71 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 390 | U, R, CLP32, CLP17 | ug/kg dry | 390 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 96 | J, QC-2 | ug/kg dry | 39 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-----------|-----|----------|----------|---------------|
| 75-00-3 | Chloroethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 39 | U | ug/kg dry | 39 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 39 | U | ug/kg dry | 39 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 39 | U | ug/kg dry | 39 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 20 | U | ug/kg dry | 20 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-----------|-----|----------|----------|---------------|
| E1644012 | % Moisture | 26 | | % | | 3/07/12 | 3/08/12 | CLP VOA |
| R4-7156 | (m- and/or p-)Xylene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 140 | U, R, CLP17, CLP32 | ug/kg dry | 140 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| <i>CAS Number</i> | <i>Analyte</i> | <i>Results</i> | <i>Qualifiers</i> | <i>Units</i> | <i>MRL</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Method</i> |
|--|---|----------------|-------------------|--------------|------------|-----------------|-----------------|---------------|
| 75-00-3 | Chloroethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 67-66-3 | Chloroform | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 14 | U | ug/kg dry | 14 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 7.0 | U | ug/kg dry | 7.0 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 7 | U | ug/kg dry | 7 | 3/07/12 | 3/08/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SWLab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|--------------------|-------|-----|----------|----------|---------------|
| R4-7156 | (m- and/or p-)Xylene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 71-55-6 | 1,1,1-Trichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-00-5 | 1,1,2-Trichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-34-3 | 1,1-Dichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-35-4 | 1,1-Dichloroethene (1,1-Dichloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane (DBCP) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 95-50-1 | 1,2-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 107-06-2 | 1,2-Dichloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 78-87-5 | 1,2-Dichloropropane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 541-73-1 | 1,3-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 123-91-1 | 1,4-Dioxane | 100 | U, R, CLP17, CLP32 | ug/L | 100 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 67-64-1 | Acetone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 71-43-2 | Benzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-97-5 | Bromochloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-27-4 | Bromodichloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-25-2 | Bromoform | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-83-9 | Bromomethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-15-0 | Carbon disulfide | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 56-23-5 | Carbon Tetrachloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-90-7 | Chlorobenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-00-3 | Chloroethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Volatile Organics

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SWLab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|-----------------------------------|---|---------|------------|-------|-----|----------|----------|---------------|
| 67-66-3 | Chloroform | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 74-87-3 | Chloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 156-59-2 | cis-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 10061-01-5 | cis-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 110-82-7 | Cyclohexane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 124-48-1 | Dibromochloromethane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-71-8 | Dichlorodifluoromethane (Freon 12) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 100-41-4 | Ethyl Benzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 98-82-8 | Isopropylbenzene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-20-9 | Methyl Acetate | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 591-78-6 | Methyl Butyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 78-93-3 | Methyl Ethyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-10-1 | Methyl Isobutyl Ketone | 10 | U | ug/L | 10 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 1634-04-4 | Methyl T-Butyl Ether (MTBE) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-87-2 | Methylcyclohexane | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-09-2 | Methylene Chloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 95-47-6 | o-Xylene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 100-42-5 | Styrene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 127-18-4 | Tetrachloroethene (Tetrachloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 108-88-3 | Toluene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 156-60-5 | trans-1,2-Dichloroethene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 10061-02-6 | trans-1,3-Dichloropropene | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 79-01-6 | Trichloroethene (Trichloroethylene) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| 75-01-4 | Vinyl chloride | 5.0 | U | ug/L | 5.0 | 3/02/12 | 3/03/12 | CLP SOM01.2 V |
| Tentatively Identified Compounds: | | | | | | | | |
| R4-0000 | Tentatively Identified Compounds | 5 | U | ug/L | 5 | 3/03/12 | 3/03/12 | CLP SOM01.2 V |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

April 26, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0276, Converse Mill
Superfund Remedial

FROM: Denise Goddard
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Corey Hendrix

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

Classical/Nutrient Analyses (CNA)

Cyanide

CLP Inorganics

Total Metals (TMTL)

Total Mercury

CLP Inorganics

Total Metals

CLP Inorganics



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Report Narrative for Project: 12-0276

Inorganic Data Review and Validation Report

Site Name: Converse Mill, Converse, SC

Case No.: 42294, Project No. 12-0276, Work Order No. C121104

ELEMENT Sample IDs.: C121104-03 - 16

Sampling Date(s): 02/29/12

Validated Time of Sample Receipt: 03/02/12

Laboratory Performing Inorganic Analyses: Bonner Analytical Testing, Hattiesburg, MS

Date Received from Lab: 03/23/12

Analyses conducted: Total Metals, Mercury, and Cyanide

The ESAT Work Team has reviewed the above-captioned CLP data package consisting of six water samples and eight soil samples for Total Metals by ICP-AES, mercury, and cyanide analyses according to the contract Statement of Work ISM01.3 and EPA guidelines.

This package presents acceptable contractual and technical performance with qualifications. Additional details are provided below.

Examination of laboratory blank samples revealed apparent low-level contamination with several elements. Reported detection limits were adjusted as high as ten times the blank levels to discount possible false positives due to contamination in laboratory blanks.

Sample C121104-12 was received at the laboratory with a pH of 4. The laboratory adjusted the pH and waited at least 4 hours before proceeding. No data qualifiers were added on the basis of elevated pH. The Sample Log-In Sheet, Form DC-1, has the cyanide samples listed as having a pH of 2. The preparation bench sheet has the pH listed as 12 for the water samples. It is presumed that Form DC-1 is in error and no data qualifiers were added.

The laboratory noted that all of the soil samples had standing water, and they were instructed to homogenize the samples and proceed.

ICP-AES Analysis

PE Sample Results

The performance evaluation sample recoveries for metals in soil were scored as warning high for arsenic, cobalt, and zinc by the web-based SPS Web software. All positive soil sample results for arsenic, cobalt, and zinc were considered estimated and "J" qualified. The performance evaluation sample recoveries for metals in soil were scored as action low for chromium and magnesium by the web-based SPS Web software. All positive soil sample results for chromium and magnesium were considered estimated and "J" qualified. There were no non-detect soil results for chromium or magnesium. The performance evaluation sample recoveries for metals in soil were also scored as warning low for magnesium by the web-based SPS Web software.

The performance evaluation sample recoveries for metals in water were scored as warning high for cobalt, nickel, silver, and zinc by the web-based SPS Web software. All positive water sample results for cobalt and zinc were considered estimated and "J" qualified. There were no positive results for nickel or silver in water.

Other QA/QC Results

Matrix spike recoveries were below control limits for antimony, arsenic, chromium, lead, and vanadium in soil. The results were 21%, 51%, 69%, 74%, and 71%, respectively. The post-digestion spike recoveries were 99%, 116%, 105%, 144%, and 107%. The sample results for antimony, arsenic, chromium, lead, and vanadium in sample C121104-11 were considered estimated and "J" qualified.

Matrix precision was outside of control limits for copper (40 RPD) and lead (44 RPD) in soil sample C121104-11. Results for copper



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and lead in sample C121104-11 were considered estimated and "J" qualified.

Serial dilution results were above control limits for iron (14%), magnesium (14%), manganese (11%), and potassium (15%) in SDG MD6PJ8. All sample results for iron, magnesium, manganese, and potassium in SDG MD6PJ8 were considered estimated and "J" qualified.

Serial dilution results were above control limits for barium (17%) in SDG MD6PK4. All sample results for barium in SDG MD6PK4 were considered estimated and "J" qualified.

Mercury Analysis

PE Sample Results

The performance evaluation sample recoveries for mercury in soil and water were scored as within limits by the web-based SPS Web software. Therefore, no data qualifiers were applied to sample results for mercury in soil or water based on these criteria.

Other QA/QC Results

There were no other QA/QC problems observed for mercury analysis. Therefore, no data qualifiers were applied to the sample results for mercury based on these criteria.

Cyanide Analysis

PE Sample Results

The performance evaluation sample recoveries for cyanide in soil and water were scored as within limits by the web-based SPS Web software. Therefore, no data qualifiers were applied to sample results for cyanide in soil or water based on these criteria.

Other QA/QC Results

There were no other QA/QC problems observed for cyanide analysis. Therefore, no data qualifiers were applied to the sample results for cyanide based on these criteria.

A Stage 4 validation consisting of electronic and manual review was performed on the inorganic samples submitted for this case.

cc: Nardina Turner



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Project: 12-0276, Converse Mill - Reported by Denise Goddard

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

| Sample ID | Laboratory ID | MD# | D# | Matrix | Date Collected |
|------------|---------------|------|------|--------------------|----------------|
| CVM-008-PB | C121104-03 | 6PK7 | | Preservative Blank | 2/29/12 10:45 |
| CVM-009-CM | C121104-04 | 6PJ7 | | CLP Metals Blank | 2/29/12 10:25 |
| CVM-001-SD | C121104-05 | 6PJ8 | 6PJ8 | Sediment | 2/29/12 12:00 |
| CVM-002-SD | C121104-06 | 6PJ9 | 6PJ9 | Sediment | 2/29/12 10:45 |
| CVM-002-SW | C121104-07 | 6PK4 | 6PK4 | Surface Water | 2/29/12 10:35 |
| CVM-003-SD | C121104-08 | 6PK0 | 6PK0 | Sediment | 2/29/12 12:00 |
| CVM-004-SD | C121104-09 | 6PK1 | 6PK1 | Sediment | 2/29/12 10:15 |
| CVM-005-SD | C121104-10 | 6PK2 | 6PK2 | Sediment | 2/29/12 12:30 |
| CVM-006-SD | C121104-11 | 6PK3 | 6PK3 | Sediment | 2/29/12 10:45 |
| CVM-006-SW | C121104-12 | 6PK5 | 6PK5 | Surface Water | 2/29/12 10:30 |



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Project: 12-0276, Converse Mill - Reported by Denise Goddard

DATA QUALIFIER DEFINITIONS

| | |
|-------|---|
| U | The analyte was not detected at or above the reporting limit. |
| CLP26 | PE sample recovery scored as warning-high. |
| CLP27 | PE sample recovery scored as action low. |
| CLP35 | Percent recovery for the Post Digestion Spike was above the upper acceptance limit. |
| CLP36 | Identification/Concentration of analyte not confirmed by ICP-MS. |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |
| Q-2 | Result greater than MDL but less than MRL. |
| Q-5 | Serial dilution precision outside method control limits |
| OM-1 | Matrix Spike Recovery less than method control limits |
| OM-4 | Matrix Precision outside method control limits |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported. |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-008-PB

Lab ID: C121104-03

MD No: 6PK7 BONNER

Station ID:

Matrix: Preservative Blank

D No:

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|------------|-------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.20 | U | ug/L | 0.20 | 3/05/12 | 3/05/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 200 | U | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 200 | U | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 100 | U | ug/L | 100 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 15 | U | ug/L | 15 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 40 | U | ug/L | 40 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 35 | U | ug/L | 35 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-008-PB

Lab ID: C121104-03

MD No: 6PK7 BONNER

Station ID:

Matrix: Preservative Blank

D No:

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|---------|---------|------------|-------|-----|----------|----------|----------------|
| 57-12-5 | Cyanide | 10 | U | ug/L | 10 | 3/09/12 | 3/09/12 | CLP ISM01.3 AS |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-009-CM

Lab ID: C121104-04

MD No: 6PJ7 BONNER

Station ID:

Matrix: CLP Metals Blank

D No:

Date Collected: 2/29/12 10:25

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|------------|-------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.20 | U | ug/L | 0.20 | 3/05/12 | 3/05/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 200 | U | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 200 | U | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 100 | U | ug/L | 100 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 15 | U | ug/L | 15 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 40 | U | ug/L | 40 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 35 | U | ug/L | 35 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |



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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|-----------------|-----------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.15 | U | mg/kg dry | 0.15 | 3/20/12 | 3/20/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 13000 | | mg/kg dry | 30 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 9.0 | U | mg/kg dry | 9.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 1.5 | J, CLP36, CLP26 | mg/kg dry | 1.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 61 | | mg/kg dry | 30 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 0.75 | U | mg/kg dry | 0.75 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 0.75 | U | mg/kg dry | 0.75 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 820 | | mg/kg dry | 750 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 55 | J, CLP27 | mg/kg dry | 1.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 7.2 | J, Q-2, CLP26 | mg/kg dry | 7.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 6.7 | | mg/kg dry | 3.7 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 14000 | J, Q-5 | mg/kg dry | 15 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 8.8 | | mg/kg dry | 1.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 2700 | J, Q-5, CLP27 | mg/kg dry | 750 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 100 | J, Q-5 | mg/kg dry | 2.2 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 18 | | mg/kg dry | 6.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 2300 | J, Q-5 | mg/kg dry | 750 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 0.52 | J, CLP36, Q-2 | mg/kg dry | 5.2 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 1.5 | U | mg/kg dry | 1.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 750 | U | mg/kg dry | 750 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 3.7 | U | mg/kg dry | 3.7 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 27 | | mg/kg dry | 7.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 38 | J, CLP26 | mg/kg dry | 9.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------|---------|------------|-----------|------|----------|----------|----------------|
| E1642941 | % Solids | 67 | | % | | 3/10/12 | 3/10/12 | CLP Inorganics |
| 57-12-5 | Cyanide | 0.75 | U | mg/kg dry | 0.75 | 3/10/12 | 3/10/12 | CLP ISM01.3 AS |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|-----------------|-----------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.19 | U | mg/kg dry | 0.19 | 3/20/12 | 3/20/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 36000 | | mg/kg dry | 37 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 0.50 | J, Q-2 | mg/kg dry | 11 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 7.9 | J, CLP36, CLP26 | mg/kg dry | 1.9 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 120 | | mg/kg dry | 37 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 0.93 | U | mg/kg dry | 0.93 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 0.93 | U | mg/kg dry | 0.93 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 510 | J, Q-2 | mg/kg dry | 930 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 49 | J, CLP27 | mg/kg dry | 1.9 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 13 | J, CLP26 | mg/kg dry | 9.3 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 18 | | mg/kg dry | 4.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 34000 | J, Q-5 | mg/kg dry | 19 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 28 | | mg/kg dry | 1.9 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 2600 | J, Q-5, CLP27 | mg/kg dry | 930 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 230 | J, Q-5 | mg/kg dry | 2.8 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 30 | | mg/kg dry | 7.4 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 2500 | J, Q-5 | mg/kg dry | 930 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 1.4 | J, CLP36, Q-2 | mg/kg dry | 6.5 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 1.9 | U | mg/kg dry | 1.9 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 930 | U | mg/kg dry | 930 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 4.6 | U | mg/kg dry | 4.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 54 | | mg/kg dry | 9.3 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 92 | J, CLP26 | mg/kg dry | 11 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------|---------|------------|-----------|------|----------|----------|----------------|
| E1642941 | % Solids | 54 | | % | | 3/10/12 | 3/10/12 | CLP Inorganics |
| 57-12-5 | Cyanide | 0.93 | U | mg/kg dry | 0.93 | 3/10/12 | 3/10/12 | CLP ISM01.3 AS |



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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SW

Lab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|---------------|-------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.20 | U | ug/L | 0.20 | 3/05/12 | 3/05/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 200 | J, Q-2 | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 26 | J, Q-2, Q-5 | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 4200 | J, Q-2 | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 0.28 | J, CLP26, Q-2 | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 2100 | | ug/L | 100 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 120 | | ug/L | 15 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 40 | U | ug/L | 40 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 35 | U | ug/L | 35 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 4300 | J, Q-2 | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SW

Lab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|---------|---------|------------|-------|-----|----------|----------|----------------|
| 57-12-5 | Cyanide | 10 | U | ug/L | 10 | 3/09/12 | 3/09/12 | CLP ISM01.3 AS |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|-----------------|-----------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.16 | U | mg/kg dry | 0.16 | 3/20/12 | 3/20/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 16000 | | mg/kg dry | 32 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 9.6 | U | mg/kg dry | 9.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 2.8 | J, CLP26, CLP36 | mg/kg dry | 1.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 65 | | mg/kg dry | 32 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 0.80 | U | mg/kg dry | 0.80 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 0.80 | U | mg/kg dry | 0.80 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 260 | J, Q-2 | mg/kg dry | 800 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 48 | J, CLP27 | mg/kg dry | 1.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 7.5 | J, Q-2, CLP26 | mg/kg dry | 8.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 11 | | mg/kg dry | 4.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 19000 | J, Q-5 | mg/kg dry | 16 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 12 | | mg/kg dry | 1.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 2200 | J, Q-5, CLP27 | mg/kg dry | 800 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 89 | J, Q-5 | mg/kg dry | 2.4 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 18 | | mg/kg dry | 6.4 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 2000 | J, Q-5 | mg/kg dry | 800 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 0.71 | J, Q-2, CLP36 | mg/kg dry | 5.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 1.6 | U | mg/kg dry | 1.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 800 | U | mg/kg dry | 800 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 4.0 | U | mg/kg dry | 4.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 34 | | mg/kg dry | 8.0 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 51 | J, CLP26 | mg/kg dry | 9.6 | 3/06/12 | 3/08/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------|---------|------------|-----------|------|----------|----------|----------------|
| E1642941 | % Solids | 63 | | % | | 3/10/12 | 3/10/12 | CLP Inorganics |
| 57-12-5 | Cyanide | 0.80 | U | mg/kg dry | 0.80 | 3/10/12 | 3/10/12 | CLP ISM01.3 AS |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|--------------------|-----------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.13 | U | mg/kg dry | 0.13 | 3/20/12 | 3/20/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 12000 | | mg/kg dry | 25 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 0.49 | J, Q-2 | mg/kg dry | 7.6 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 6.3 | J, CLP36, CLP26 | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 29 | | mg/kg dry | 25 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 0.62 | J, Q-2 | mg/kg dry | 0.63 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 0.63 | U | mg/kg dry | 0.63 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 170 | J, Q-2 | mg/kg dry | 640 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 24 | J, CLP27 | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 4.6 | J, Q-2, CLP26 | mg/kg dry | 6.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 11 | | mg/kg dry | 3.2 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 21000 | J, Q-5 | mg/kg dry | 13 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 18 | | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 570 | J, Q-2, Q-5, CLP27 | mg/kg dry | 640 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 44 | J, Q-5 | mg/kg dry | 1.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 12 | | mg/kg dry | 5.1 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 780 | J, Q-5 | mg/kg dry | 640 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 0.97 | J, CLP36, Q-2 | mg/kg dry | 4.4 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 1.3 | U | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 640 | U | mg/kg dry | 640 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 3.2 | U | mg/kg dry | 3.2 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 34 | | mg/kg dry | 6.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 52 | J, CLP26 | mg/kg dry | 7.6 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------|---------|------------|-----------|------|----------|----------|----------------|
| E1642941 | % Solids | 79 | | % | | 3/10/12 | 3/10/12 | CLP Inorganics |
| 57-12-5 | Cyanide | 0.63 | U | mg/kg dry | 0.63 | 3/10/12 | 3/10/12 | CLP ISM01.3 AS |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|-----------------|-----------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.29 | U | mg/kg dry | 0.29 | 3/20/12 | 3/20/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 15000 | | mg/kg dry | 59 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 0.64 | J, Q-2 | mg/kg dry | 18 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 3.2 | J, CLP26, CLP36 | mg/kg dry | 2.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 100 | | mg/kg dry | 59 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 1.5 | U | mg/kg dry | 1.5 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 1.5 | U | mg/kg dry | 1.5 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 1600 | | mg/kg dry | 1500 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 30 | J, CLP27 | mg/kg dry | 2.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 10 | J, CLP26, Q-2 | mg/kg dry | 15 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 10 | | mg/kg dry | 7.4 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 13000 | J, Q-5 | mg/kg dry | 29 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 9.8 | | mg/kg dry | 2.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 2300 | J, CLP27, Q-5 | mg/kg dry | 1500 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 400 | J, Q-5 | mg/kg dry | 4.4 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 16 | | mg/kg dry | 12 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 1800 | J, Q-5 | mg/kg dry | 1500 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 0.99 | J, CLP36, Q-2 | mg/kg dry | 10 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 2.9 | U | mg/kg dry | 2.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 1500 | U | mg/kg dry | 1500 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 7.4 | U | mg/kg dry | 7.4 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 30 | | mg/kg dry | 15 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 60 | J, CLP26 | mg/kg dry | 18 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------|---------|------------|-----------|-----|----------|----------|----------------|
| E1642941 | % Solids | 34 | | % | | 3/10/12 | 3/10/12 | CLP Inorganics |
| 57-12-5 | Cyanide | 1.5 | U | mg/kg dry | 1.5 | 3/10/12 | 3/10/12 | CLP ISM01.3 AS |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|-----------------------|-----------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.13 | U | mg/kg dry | 0.13 | 3/20/12 | 3/20/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 6500 | | mg/kg dry | 26 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 0.37 | J, Q-2, QM-1 | mg/kg dry | 7.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 6.8 | J, CLP26, CLP36, QM-1 | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 46 | | mg/kg dry | 26 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 0.21 | J, Q-2 | mg/kg dry | 0.66 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 0.66 | U | mg/kg dry | 0.66 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 630 | J, Q-2 | mg/kg dry | 660 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 20 | J, CLP27, QM-1 | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 6.1 | J, CLP26, Q-2 | mg/kg dry | 6.6 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 9.8 | J, QM-4 | mg/kg dry | 3.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 17000 | J, Q-5 | mg/kg dry | 13 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 10 | J, CLP35, QM-1, QM-4 | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 1100 | J, CLP27, Q-5 | mg/kg dry | 660 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 590 | J, Q-5 | mg/kg dry | 2.0 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 9.2 | | mg/kg dry | 5.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 660 | U, J, Q-5 | mg/kg dry | 660 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 0.87 | J, CLP36, Q-2 | mg/kg dry | 4.6 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 1.3 | U | mg/kg dry | 1.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 660 | U | mg/kg dry | 660 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 3.3 | U | mg/kg dry | 3.3 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 27 | J, QM-1 | mg/kg dry | 6.6 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 30 | J, CLP26 | mg/kg dry | 7.9 | 3/06/12 | 3/09/12 | CLP ISM01.3 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------|---------|------------|-----------|------|----------|----------|----------------|
| E1642941 | % Solids | 76 | | % | | 3/10/12 | 3/10/12 | CLP Inorganics |
| 57-12-5 | Cyanide | 0.66 | U | mg/kg dry | 0.66 | 3/10/12 | 3/10/12 | CLP ISM01.3 AS |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Total Metals

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------|---------|---------------|-------|------|----------|----------|----------------|
| 7439-97-6 | Mercury | 0.20 | U | ug/L | 0.20 | 3/05/12 | 3/05/12 | CLP ISM01.3 CV |
| 7429-90-5 | Aluminum | 520 | | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-36-0 | Antimony | 60 | U | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-38-2 | Arsenic | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-39-3 | Barium | 22 | J, Q-5, Q-2 | ug/L | 200 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-41-7 | Beryllium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-43-9 | Cadmium | 5.0 | U | ug/L | 5.0 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-70-2 | Calcium | 4200 | J, Q-2 | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-47-3 | Chromium | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-48-4 | Cobalt | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-50-8 | Copper | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-89-6 | Iron | 1200 | | ug/L | 100 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-92-1 | Lead | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-95-4 | Magnesium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7439-96-5 | Manganese | 200 | | ug/L | 15 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-02-0 | Nickel | 40 | U | ug/L | 40 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-09-7 | Potassium | 5000 | U | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7782-49-2 | Selenium | 35 | U | ug/L | 35 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-22-4 | Silver | 10 | U | ug/L | 10 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-23-5 | Sodium | 4100 | J, Q-2 | ug/L | 5000 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-28-0 | Thallium | 25 | U | ug/L | 25 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-62-2 | Vanadium | 50 | U | ug/L | 50 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |
| 7440-66-6 | Zinc | 3.4 | J, CLP26, Q-2 | ug/L | 60 | 3/05/12 | 3/08/12 | CLP ISM01.3 P |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Denise Goddard

Classical/Nutrient Analyses

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|---------|---------|------------|-------|-----|----------|----------|----------------|
| 57-12-5 | Cyanide | 10 | U | ug/L | 10 | 3/09/12 | 3/09/12 | CLP ISM01.3 AS |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

April 16, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0276, Converse Mill
Superfund Remedial

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Corey Hendrix

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

Organochlorine Pesticides (OCP)

Organochlorine pesticides

CLP Pesticides



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Report Narrative for Work Order C121104, Project: 12-0276
Site Name: Converse Mill, Converse, SC
CLP Case No. 42294, ELEMENT Sample Nos. C121104-01, 02, 05-13, 15

Organic Analysis: CompuChem, Cary, NC

The ESAT Work Team reviewed data for three water and seven soil samples analyzed for Low/Medium Volatile Organic Compounds, Semi-Volatiles Extractable Organic Compound, Pesticide Compounds, and PCz Aroclors per CLP Statement of Work SOM01.2. The analytical results were reported in two sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory also analyzed two performance evaluation samples (PESs) for evaluating the laboratory's performance with using the methods. The samples were collected on 02/19/12 and were received by the laboratory on 03/01/12. The final data package was received on 03/11/12 by the USEPA Quality Assurance Section, Region 4 SESDBMTS.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1/QC-2). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

For sample C121104-10, the reporting limits are elevated due to a high percent moisture content in the samples, greater than 50%.

Data quality factors requiring qualification of results are discussed below:

Low/Medium Volatile Organic Compounds

Water Matrix

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Soil Matrix

The laboratory scored within acceptable limits for all spiked compounds in the soil PES with the exceptions of trichlorofluoromethane, 1,1-dichloroethene, and 2-butanone which were all scored as warning high. Positive detects for 2-butanone were qualified "J" (CLP26). Data qualification of trichlorofluoromethane and 1,1-dichloroethene based upon PES results was not required as they were not detected in any volatiles soil sample.



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Acetone and methylene chloride were detected in the PES when they were not spiked, and were treated as a blank contaminant during data validation. Methylene chloride did not require qualification since it was not detected in any soil samples. The reporting limit for acetone was raised to the amount found in samples C121104-05, 08, and 09 and qualified "U" z -4.

The laboratory encountered a poor instrument response for the compound 1,4-dioxane in the initial and continuing calibrations associated with this Case. All sample results for 1,4-dioxane were qualified "R" (CLP17 and CLP32).

Semi-Volatile Extractable Organic Compounds

Water Matrix

There were no anomalies associated with the Semi-Volatile Organic Compound waters requiring data qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES with the exception of ben/ aldehyde which was scored as warning low, and 2,-nitrophenol and 1,1-biphenyl which were scored as analyte missed and action low, respectively. Soil sample results for ben/ aldehyde were all qualified "J" (CLP26). Since all soil sample results for 2-nitrophenol and 1,1,-biphenyl were non-detects, these results were qualified "R" (CLP27).

The percent recovery of the DMC 4-chloroaniline-d4 was within the quality control limits established in the method and less than 10% recovery in samples C121104-08, 09, and 11. The compounds associated with this DMC were qualified "J" (QS-4).

The percent recovery of the DMC 4-chloroaniline-d4 was less than the lower quality control limit and less than 10% in samples C121104-05, 06, and 10. The compounds, 4-chloroaniline, hexachlorocyclopentadiene, and 3,3'-dichloroben/ idine were not detected and were qualified "R" (QS-4).

Pesticide Compounds

Pesticide results were qualified "N,CLP12" whenever the percent difference between analytical column results exceeds 25% but is less than 70%. Higher percent differences with the attached "N" qualifier may be indicative of a false positive result.

Water Matrix



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Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

There were no anomalies associated with the Pesticide water samples requiring additional qualification.

Soil Matrix

The laboratory scored within limits for all spiked compounds in the soil PES, except endrin ketone was detected in the PES when it was not spiked and treated as a blank contaminant during data validation. The result for endrin ketone was raised to the reporting limit in sample C121104-10.

PCB Aroclors

There were no anomalies associated with the PCz Aroclors requiring additional qualification of results.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

| Sample ID | Laboratory ID | MD# | D# | Matrix | Date Collected |
|------------|---------------|------|------|---------------|----------------|
| CVM-001-SD | C121104-05 | 6PJ8 | 6PJ8 | Sediment | 2B9B2 12:00 |
| CVM-002-SD | C121104-06 | 6PJ9 | 6PJ9 | Sediment | 2B9B2 10:45 |
| CVM-002-SW | C121104-07 | 6PK4 | 6PK4 | Surface Water | 2B9B2 10:35 |
| CVM-003-SD | C121104-08 | 6PK0 | 6PK0 | Sediment | 2B9B2 12:00 |
| CVM-004-SD | C121104-09 | 6PK1 | 6PK1 | Sediment | 2B9B2 10:15 |
| CVM-005-SD | C121104-10 | 6PK2 | 6PK2 | Sediment | 2B9B2 12:30 |
| CVM-006-SD | C121104-11 | 6PK3 | 6PK3 | Sediment | 2B9B2 10:45 |
| CVM-006-SW | C121104-12 | 6PK5 | 6PK5 | Surface Water | 2B9B2 10:30 |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

DATA QUALIFIER DEFINITIONS

| | |
|-------|---|
| U | The analyte was not detected at or above the reporting limit. |
| CLP01 | Concentration reported is less than the lowest standard on calibration curve |
| CLP12 | Difference between GC columns above method warning limit |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |
| N | There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. |
| NJ | Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value. |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/Brs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than / ero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soilBediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analy/ ed to confirm the compound's identification or the estimated concentration reported. |



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D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-001-SD

Lab ID: C121104-05

MD No: 6PJ8 BONNER

Station ID: CVM001

Matrix: Sediment

D No: 6PJ8 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-----------|-----|----------|----------|----------------|
| E1644012 | % Moisture | 37 | | % | | 3B8B2 | 3B5B2 | CLP Pesticides |
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 6.0 | N, CLP12 | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 5.2 | U | ug/kg dry | 5.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 2.7 | U | ug/kg dry | 2.7 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 27 | U | ug/kg dry | 27 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 270 | U | ug/kg dry | 270 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SD

Lab ID: C121104-06

MD No: 6PJ9 BONNER

Station ID: CVM002

Matrix: Sediment

D No: 6PJ9 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------------|-----------|-----|----------|----------|----------------|
| E1644012 | % Moisture | 46 | | % | | 3B8B2 | 3B5B2 | CLP Pesticides |
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 3.8 | J, CLP01 | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 2.4 | NJ, CLP01, CLP12 | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 6.1 | U | ug/kg dry | 6.1 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 3.2 | U | ug/kg dry | 3.2 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 32 | U | ug/kg dry | 32 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 320 | U | ug/kg dry | 320 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-002-SW

Lab ID: C121104-07

MD No: 6PK4 BONNER

Station ID: CVM002

Matrix: Surface Water

D No: 6PK4 LIBRTY

Date Collected: 2/29/12 10:35

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-------|-------|----------|----------|---------------|
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 0.095 | U | ug/L | 0.095 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 0.048 | U | ug/L | 0.048 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 0.48 | U | ug/L | 0.48 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 4.8 | U | ug/L | 4.8 | 3/8/5B2 | 3/8/8B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-003-SD

Lab ID: C121104-08

MD No: 6PK0 BONNER

Station ID: CVM003

Matrix: Sediment

D No: 6PK0 LIBRTY

Date Collected: 2/29/12 12:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-----------|-----|----------|----------|----------------|
| E1644012 | % Moisture | 32 | | % | | 3B08B2 | 3B5B2 | CLP Pesticides |
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 1.7 | J, CLP01 | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 4.8 | U | ug/kg dry | 4.8 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 2.5 | U | ug/kg dry | 2.5 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 25 | U | ug/kg dry | 25 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 250 | U | ug/kg dry | 250 | 3B08B2 | 3B5B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-004-SD

Lab ID: C121104-09

MD No: 6PK1 BONNER

Station ID: CVM004

Matrix: Sediment

D No: 6PK1 LIBRTY

Date Collected: 2/29/12 10:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-----------|-----|----------|----------|----------------|
| E1644012 | % Moisture | 26 | | % | | 3B8B2 | 3B5B2 | CLP Pesticides |
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 1.8 | J, CLP01 | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 4.5 | U | ug/kg dry | 4.5 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 23 | U | ug/kg dry | 23 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 230 | U | ug/kg dry | 230 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-005-SD

Lab ID: C121104-10

MD No: 6PK2 BONNER

Station ID: CVM005

Matrix: Sediment

D No: 6PK2 LIBRTY

Date Collected: 2/29/12 12:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-----------|-----|----------|----------|----------------|
| E1644012 | % Moisture | 71 | | % | | 3B5B2 | 3B5B2 | CLP Pesticides |
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 12 | U | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 12 | U | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 12 | U | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 4.6 | J, CLP01 | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 12 | U | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 3.2 | J, CLP01 | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 12 | U | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 12 | U | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 4.3 | J, CLP01 | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 7.2 | J, CLP01 | ug/kg dry | 12 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 3.4 | J, CLP01 | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 6.0 | U | ug/kg dry | 6.0 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 60 | U | ug/kg dry | 60 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 600 | U | ug/kg dry | 600 | 3B5B2 | 3B5B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SD

Lab ID: C121104-11

MD No: 6PK3 BONNER

Station ID: CVM006

Matrix: Sediment

D No: 6PK3 LIBRTY

Date Collected: 2/29/12 10:45

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-----------|-----|----------|----------|----------------|
| E1644012 | % Moisture | 26 | | % | | 3B8B2 | 3B5B2 | CLP Pesticides |
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 1.1 | J, CLP01 | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 4.4 | U | ug/kg dry | 4.4 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 2.3 | U | ug/kg dry | 2.3 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 23 | U | ug/kg dry | 23 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 230 | U | ug/kg dry | 230 | 3B8B2 | 3B5B2 | CLP SOM01.2 P |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 12-0276

Project: 12-0276, Converse Mill - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0276, Converse Mill

Contract Lab Case: 42294

Sample ID: CVM-006-SW

Lab ID: C121104-12

MD No: 6PK5 BONNER

Station ID: CVM006

Matrix: Surface Water

D No: 6PK5 LIBRTY

Date Collected: 2/29/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------|---------|------------|-------|-------|----------|----------|---------------|
| 72-54-8 | 4,4'-DDD (p,p'-DDD) | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 72-55-9 | 4,4'-DDE (p,p'-DDE) | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 50-29-3 | 4,4'-DDT (p,p'-DDT) | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 309-00-2 | Aldrin | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 319-84-6 | alpha-z HC | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 5103-71-9 | alpha-Chlordane | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 319-85-7 | beta-z HC | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 319-86-8 | delta-z HC | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 60-57-1 | Dieldrin | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 959-98-8 | Endosulfan I (alpha) | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 33213-65-9 | Endosulfan II (beta) | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 1031-07-8 | Endosulfan Sulfate | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 72-20-8 | Endrin | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 7421-93-4 | Endrin aldehyde | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 53494-70-5 | Endrin ketone | 0.093 | U | ug/L | 0.093 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 58-89-9 | gamma-z HC (Lindane) | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 5566-34-7 | gamma-Chlordane | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 76-44-8 | Heptachlor | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 1024-57-3 | Heptachlor epoxide | 0.047 | U | ug/L | 0.047 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 72-43-5 | Methoxychlor | 0.47 | U | ug/L | 0.47 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |
| 8001-35-2 | Toxaphene | 4.7 | U | ug/L | 4.7 | 3B5B2 | 3B8B2 | CLP SOM01.2 P |

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CONVERSE, SC

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CONVERSE, SC Demographic Information *

| | |
|---------------------------------|--------|
| Estimated Current Population: 0 | |
| Population: | 278 |
| White Population: | 262 |
| Black Population: | 12 |
| Hispanic Population: | 11 |
| Asian Population: | 3 |
| Hawaiian Population: | 0 |
| Indian Population: | 2 |
| Other Population: | 3 |
| Male Population: | 138 |
| Female Population: | 140 |
| Avg House Value: | \$0.00 |
| Avg Household Income: | \$0.00 |
| Avg Persons Per Household: | 0.00 |
| Median Age: | 34.30 |
| Median Age (Male): | 34.30 |
| Median Age (Female): | 34.30 |

* Demographic data is based on information taken from the 2000 Census.

CONVERSE, SC Covers 1 ZIP Codes

| ZIP Code | Area Code(s) | Timezone | Classification | Population |
|--------------------------------|--------------|----------|----------------|------------|
| ZIP Code 29329 | 864 | Eastern | P.O. Box | 278 |

CONVERSE, SC Other Information

- Located in [SPARTANBURG](#) County, [South Carolina](#)

25 Cities within 15 miles of CONVERSE, SC

- | | | |
|---------------------------------------|-------------------------------------|-----------------------------------|
| • ARCADIA, SC | • GLENDALE, SC | • ROEBUCK, SC |
| • BOILING SPRINGS, SC | • INMAN, SC | • SPARTANBURG, SC |
| • CHESNEE, SC | • JONESVILLE, SC | • STARTEX, SC |
| • CLIFTON, SC | • MAYO, SC | • UNA, SC |
| • COWPENS, SC | • MOORE, SC | • WELLFORD, SC |
| • DRAYTON, SC | • PACOLET, SC | • WHITE STONE, SC |
| • FAIRFOREST, SC | • PACOLET MILLS, SC | • WOODRUFF, SC |
| • FINGERVILLE, SC | • PAULINE, SC | |
| • GAFFNEY, SC | • REIDVILLE, SC | |

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- [SPARTANBURG County, SC ZIP Code Map](#)

The SPARTANBURG County SC ZIP Code Map shows all 5 digit zip code boundaries for SPARTANBURG County SC.

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